HISTORY INFORMATION FOR THE FOLLOWING MANUAL:

SERVICE MANUAL

EX2R CHASSIS

MODEL NAME	REMOTE COMMANDER	DESTINATION
KDL-32S5100	RM-YD028	US/CND
KDL-32S5100	RM-YD028	MX/LATIN AMERICA
KDL-40S5100	RM-YD028	US/CND
KDL-40S5100	RM-YD028	MX/LATIN AMERICA
KDL-46S5100	RM-YD028	US/CND
KDL-46S5100	RM-YD028	MX/LATIN AMERICA

EL9VERDADERO

ORIGINAL MANUAL ISSUE DATE: 2/2009

☛ :UPDATED ITEM

REVISION DATE	SUBJECT
2/2009	No revisions or updates are applicable at this time.
2/2009	Corrected model destination groupings. Replaced pages 1 and 2. Updated Specification Section. Replaced pages 4-12. Updated Disassembly Section. Replaced page 18. Updated Wire Dressing Diagrams. Replaced pages 20-47. Added Support Belt Kit P/N for KDL-32S5100. Repaced page 107.
4/2009	Updated Accessories and Packing. New AC Power Cords. Corrected part descriptions for Support Belt Kits and added contents. Added contents for Screw Bag Assy. Replaced page 107.
9/2009	Updated Exploded View Section to remove LCD Panel specific information. Replaced page 81. Corrected model reference for KDL-32S5100 AC Power Cord. Replaced page 107.

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Self Diagnosis
Supported model

SERVICE MANUAL

EX2R CHASSIS

MODEL NAME	REMOTE COMMANDER	DESTINATION
KDL-32S5100	RM-YD028	US/CND
KDL-32S5100	RM-YD028	MX/LATIN AMERICA
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KDL-46S5100	RM-YD028	US/CND
KDL-46S5100	RM-YD028	MX/LATIN AMERICA

KDL-46S5100

RM-YD028

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TABLE OF CONTENTS

SECTION TITLE	PAGE
Specifications	4
Warnings and Cautions - English	6
Warnings and Cautions - French	7
Safety-Related Component Warning	8
Safety Check-Out	10
Self-Diagnostic Function	11
SECTION 1: DISASSEMBLY	**13**
1-1. Rear Cover Removal	13
1-2. Switch Unit Removal	13
1-3. BM3 Board and Power Board Removal	14
1-4. Table-Top Stand Assembly and Under Cover Removal	15
1-5. Structural Parts Removal	15
1-5-1. KDL-32S5100 Only	15
1-5-2. KDL-40S5100 Only	16
1-5-3. KDL-46S5100 Only	16
1-6. Loudspeaker, Under Bar, IR/LED Removal	17
1-7. LCD Panel Removal	18
1-7-1. Cleaning the LCD Panel	18
1-8. Inverter Board Removal (KDL-32S5100 Only)	19
WIRE DRESSING	20
KDL-32S5100 ONLY	20
KDL-40S5100 ONLY	30
KDL-46S5100 ONLY	39
SECTION 2: SERVICE ADJUSTMENTS	**48**
2-1. Viewing Service Adjustment Data	48
2-2. Accessing Service Mode	48
2-2-1. Entering the Serial Number after changing the Main Board	48
2-2-2. Resetting to Factory Defaults	49

SECTION TITLE	PAGE
SECTION 3: DIAGRAMS	**50**
3-1. Circuit Boards Location	50
3-2. Printed Wiring Boards and *Schematic Diagrams Information*	50
3-3. Block Diagram	52
3-4. Schematics and Supporting Information	53
BM3 Board Schematic Diagram (1 of 9)	53
BM3 Board Schematic Diagram (2 of 9)	54
BM3 Board Schematic Diagram (3 of 9)	55
BM3 Board Schematic Diagram (4 of 9)	56
BM3 Board Schematic Diagram (5 of 9)	57
BM3 Board Schematic Diagram (6 of 9)	58
BM3 Board Schematic Diagram (7 of 9)	59
BM3 Board Schematic Diagram (8 of 9)	60
BM3 Board Schematic Diagram (9 of 9)	61
G2BE Board Schematic Diagram (KDL-32S5100 Only)	63
HLR1 Board Schematic Diagram	65
HSR Board Schematic Diagram	67
IP1 Board Schematic Diagram (1 of 2) (KDL-40S5100 Only)	69
IP1 Board Schematic Diagram (2 of 2) (KDL-40S5100 Only)	70
IP2 Board Schematic Diagram (1 of 2) (KDL-46S5100 Only)	72
IP2 Board Schematic Diagram (2 of 2) (KDL-46S5100 Only)	73
3-5. Semiconductors	76
SECTION 4: EXPLODED VIEWS	**77**
4-1. Rear Cover Assembly and Table-Top Stand Assembly	77
4-2. Chassis	78
4-3. Connectors (KDL-32S5100 Only)	79
4-4. Connectors (KDL-40S5100/46S5100 Only)	80
4-5. Bezel Assembly and LCD Panel	81
4-6. Screw Legend	82
SECTION 5: ELECTRICAL PARTS LIST	**83**
APPENDIX A: ENCRYPTION KEY COMPONENTS	**A-1**

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SPECIFICATIONS

Power Requirements 120V AC, 60Hz

Power Consumption (W)

In Use (Max) 120W (KDL-32S5100 only)
200W (KDL-40S5100 only)
In Standby 245W (KDL-46S5100 only)

Less than 1 W

VIDEO (IN) 1/2:

S Video (4-Pin Mini DIN (VIDEO 2 Only)

Y: 1.0 Vp-p, 75 ohms unbalanced, sync negative
C: 0.286 Vp-p (Burst signal), 75 ohms

Video

1 Vp-p, 75 ohms unbalanced, sync negative

Audio

500 mVrms (Typical)
Impedance:47 kilohms

COMPONENT IN 1/2:

YP_BP_R (Component Video)

Y:1.0 Vp-p, 75 ohms unbalanced, sync negative
P_B:0.7 Vp-p, 75 ohms
P_R:0.7 Vp-p, 75 ohms
Signal format: 480i, 480p, 720p, 1080i, 1080p

AUDIO

500 mVrms (Typical)
Impedance: 47 kilohms

HDMI IN 1/2/3:

HDMI: Video: 480i, 480p, 720p, 1080i,1080p, 1080/24p
Audio: Two channel linear PCM 32, 44.1 and 48 kHz, 16, 20 and 24 bits

AUDIO

500 mVrms (Typical)
Impedance: 47 kilohms

AUDIO OUT:

500 mVrms (Typical)

DIGITAL AUDIO OUT (OPTICAL):

PCM optical signal

PC IN:

D-sub 15-pin, analog RGB, 0.7 Vp-p, 75 ohms, positive

PC AUDIO INPUT:

Stereo mini jack, 500 mVrms (Typical)
Impedance: 47 kilohms

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	KDL-32S5100	KDL-40S5100	KDL-46S5100
Speaker Output	10 W+ 10 W		
Speaker/Full Range (2)			
mm	35 X 175		
in	$1^{7/16}$ x 7		
Dimensions (W x H x D)			
with stand			
mm	798 x 583 x 227 mm	987 x 683 x 271 mm	1,123 x 770 x 323 mm
in	$31^{1/2}$ x 23 x 9 in	$38^{7/8}$ x 27 x $10^{3/4}$ in	$44^{1/4}$ x $30^{3/8}$ x $12^{3/4}$ in
without stand			
mm	798 x 536 x 89 mm	987 x 636 x 93 mm	1,123 x 723 x 96 mm
in	$31^{1/2}$x $21^{1/8}$ x $3^{5/8}$ in	$38^{7/8}$ x $25^{1/8}$ x $3^{3/4}$ in	$44^{1/4}$ x $29^{1/2}$ x $3^{7/8}$ in
wall-mount hole pattern (mm)	200 x 200	300 x 300	
wall-mount screw size (mm)	M6 x 8-12 mm		
Mass			
with stand			
kg	13.1 kg	18.5 kg	25.5 kg
lbs	28.9 lbs	40.8 lbs	56.2 lbs
without stand			
kg	11.9 kg	16.8 kg	22.6 kg
lbs	26.3 lbs	37.1 lbs	49.8 lbs

All measurements are approximations.

Television system

NTSC	American TV Standard
ATSC (8VSB terrestrial)	ATSC compliant 8VSB
QAM on cable	ANSI/SCTE 07 2000

Channel coverage

Analog

2-69	Terrestrial
1-135	Cable

Digital

2-69	Terrestrial
1-135	Cable

Antenna

75-ohm external terminal for RF inputs

Panel System

LCD (Liquid Crystal Display) Panel

Display Resolution (horizontal x vertical)

1,920 dots x 1,080 lines

Screen Size (measured diagonally)

~ 31.5" (KDL-32S5100 only)
~ 40" (KDL-40S5100 only)
~ 46" (KDL-46S5100 only)

Supplied Accessories

Remote Commander RM-YD028
Two Size AA (R6) Batteries
Cable Holder (1 attached to the TV)
Operating Instructions
Quick Setup Guide
Warranty Card
Safety and Regulatory Booklet
Attaching the Table-Top Stand Flyer
Screws (4)

Optional Accessories

Connecting Cables
Wall-Mount Bracket
SU-WL500

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WARNINGS AND CAUTIONS - ENGLISH

CAUTION

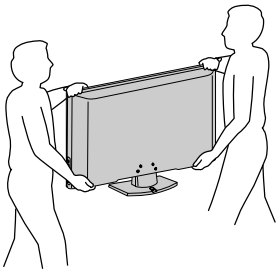
These servicing instructions are for use by qualified service personnel only. To reduce the risk of electric shock, do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so.

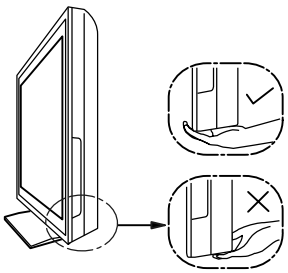
CARRYING THE TV

Be sure to follow these guidelines to protect your property and avoid causing serious injury.

• Carry the TV with an adequqate number of people; larger size TVs require two or more people.

• Correct hand placement while carrying the TV is very important for safety and to avoid damages.





WARNING!!

An isolation transformer should be used during any service to avoid possible shock hazard, because of live chassis. The chassis of this receiver is directly connected to the ac power line.

⚠ SAFETY-RELATED COMPONENT WARNING!!

Components identified by shading and ⚠ mark on the schematic diagrams, exploded views, and in the parts list are critical for safe operation. Replace these components with Sony parts whose part numbers appear as shown in this manual or in supplements published by Sony. Circuit adjustments that are critical for safe operation are identified in this manual. Follow these procedures whenever critical components are replaced or improper operation is suspected.

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WARNINGS AND CAUTIONS - FRENCH

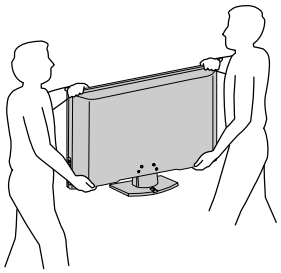
ATTENTION!!

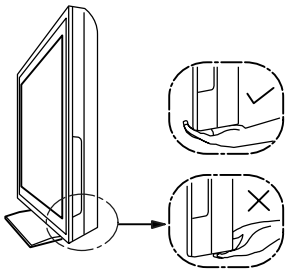
Ces instructions de service sont à l'usage du personnel de service qualifié seulement. Pour prévenir le risque de choc électrique, ne pas faire l'entretien autre que celui contenu dans le Mode d'emploi à moins que vous soyez qualifié faire ainsi.

POUR TRANSPORTER LE TÉLÉVISEUR

Tenez compte de ce qui suit pendant l'installation du téléviseur :

- Débranchez tous les câbles avant de transporter le téléviseur.
- Transportez le téléviseur avec le nombre de personnes approprié ; un téléviseur de grande taille doit être transporté par au moins deux personnes.
- Lors du transport du téléviseur, l'emplacement des mains est très important pour votre sécurité, ainsi que pour éviter de causer des dommages.





☛ ALERTE!!

Afin d'eviter tout risque d'electrocution provenant d'un châssis sous tension, un transformateur d'isolement doit etre utilisé lors de tout dépannage. Le châssis de ce récepteur est directement raccordé à l'alimentation du secteur.

⚠ ATTENTION AUX COMPOSANTS RELATIFS A LA SECURITE!!

Les composants identifies par une trame et par une marque ⚠ sur les schemas de principe, les vues explosees et les listes de pieces sont d'une importance critique pour la securite du fonctionnement. Ne les remplacer que par des composants Sony dont le numero de piece est indique dans le present manuel ou dans des supplements publies par Sony. Les reglages de circuit dont l'importance est critique pour la securite du fonctionnement sont identifies dans le present manuel. Suivre ces procedures lors de chaque remplacement de composants critiques, ou lorsqu'un mauvais fonctionnement suspecte.

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SAFETY-RELATED COMPONENT WARNING

There are critical components used in LCD color TVs that are important for safety. These components are identified with shading and ⚠ mark on the schematic diagrams and the electrical parts list. It is essential that these critical parts be replaced only with the part number specified in the electrical parts list to prevent electric shock, fire, or other hazard.

NOTE: Do not modify the original design without obtaining written permission from the manufacturer or you will void the original parts and labor guarantee.

USE CAUTION WHEN HANDLING THE LCD PANEL

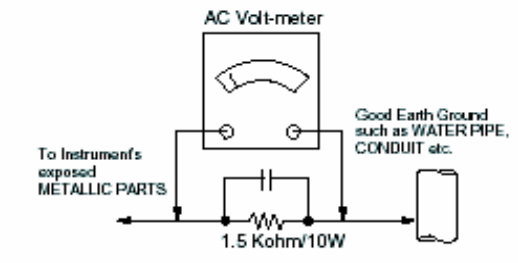
When repairing the LCD panel, be sure you are grounded by using a wrist band.

When installing the LCD panel on a wall, the LCD panel must be secured using the 4 mounting holes on the rear cover.

To avoid damaging the LCD panel:

- → do not press on the panel or frame edge to avoid the risk of electric shock.
- → do not scratch or press on the panel with any sharp objects.
- → do not leave the module in high temperatures or in areas of high humidity for an extended period of time.
- → do not expose the LCD panel to direct sunlight.
- → avoid contact with water. It may cause a short circuit within the module.
- → disconnect the AC adapter when replacing the backlight (CCFL) or inverter circuit. (High voltage occurs at the inverter circuit at 650Vrms.)
- → always clean the LCD panel with a soft cloth material.
- → use care when handling the wires or connectors of the inverter circuit. Damaging the wires may cause a short.
- → protect the panel from ESD to avoid damaging the electronic circuit (C-MOS).

LEAKAGE CURRENT HOT CHECK CIRCUIT



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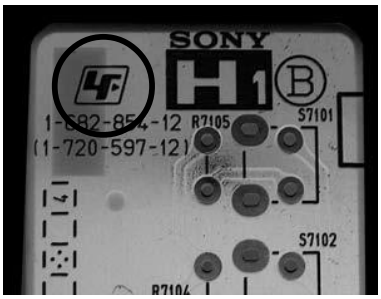
example 1

The circuit boards used in these models have been processed using Lead Free Solder. The boards are identified by the LF logo located close to the board designation e.g. H1 etc [see example]. The servicing of these boards requires special precautions to be taken as outlined below.



It is strongly recommended to use Lead Free Solder material in order to guarantee optimal quality of new solder joints.
Lead Free Solder is available under the following part numbers :

Part number	Diameter	Remarks
7-640-005-19	0.3mm	0.25Kg
7-640-005-20	0.4mm	0.50Kg
7-640-005-21	0.5mm	0.50Kg
7-640-005-22	0.6mm	0.25Kg
7-640-005-23	0.8mm	1.00Kg
7-640-005-24	1.0mm	1.00Kg
7-640-005-25	1.2mm	1.00Kg
7-640-005-26	1.6mm	1.00Kg

Due to the higher melting point of Lead Free Solder the soldering iron tip temperature needs to be set to 370 degrees centigrade.
This requires soldering equipment capable of accurate temperature control coupled with a good heat recovery characteristics.

For more information on the use of Lead Free Solder, please refer to *http://www.sony-training.com*

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SAFETY CHECK-OUT

After correcting the original service problem, perform the following safety checks before releasing the set to the customer:

1. Check the area of your repair for unsoldered or poorly soldered connections. Check the entire board surface for solder splashes and bridges.

2. Check the interboard wiring to ensure that no wires are “pinched” or touching high-wattage resistors.

3. Check that all control knobs, shields, covers, ground straps, and mounting hardware have been replaced. Be absolutely certain that you have replaced all the insulators.

4. Look for unauthorized replacement parts, particularly transistors, that were installed during a previous repair. Point them out to the customer and recommend their replacement.

5. Look for parts which, though functioning, show obvious signs of deterioration. Point them out to the customer and recommend their replacement.

6. Check the line cords for cracks and abrasion. Recommend the replacement of any such line cord to the customer.

7. Check the antenna terminals, metal trim, “metallized” knobs, screws, and all other exposed metal parts for AC leakage. Check leakage as described below.

Leakage Test

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA (500 microamperes). Leakage current can be measured by any one of three methods.

1. A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers’ instructions to use these instructions.

2. A battery-operated AC milliampmeter. The Data Precision 245 digital multimeter is suitable for this job.

3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The “limit” indication is 0.75 V, so analog meters must have an accurate low voltage scale. The Simpson’s 250 and Sanwa SH-63TRD are examples of passive VOMs that are suitable. Nearly all battery-operated digital multimeters that have a 2 VAC range are suitable (see Figure A).

How to Find a Good Earth Ground

A cold-water pipe is a guaranteed earth ground; the cover-plate retaining screw on most AC outlet boxes is also at earth ground. If the retaining screw is to be used as your earth ground, verify that it is at ground by measuring the resistance between it and a cold-water pipe with an ohmmeter. The reading should be zero ohms.

If a cold-water pipe is not accessible, connect a 60- to 100-watt trouble- light (not a neon lamp) between the hot side of the receptacle and the retaining screw. Try both slots, if necessary, to locate the hot side on the line; the lamp should light at normal brilliance if the screw is at ground potential (see Figure B).

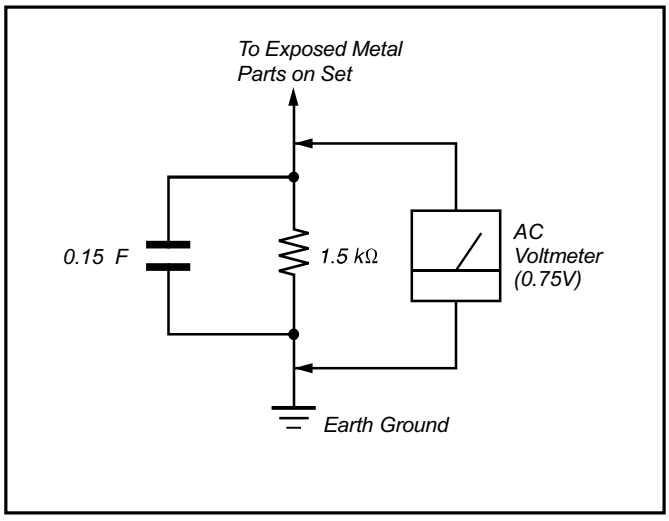

Figure A. Using an AC voltmeter to check AC leakage.

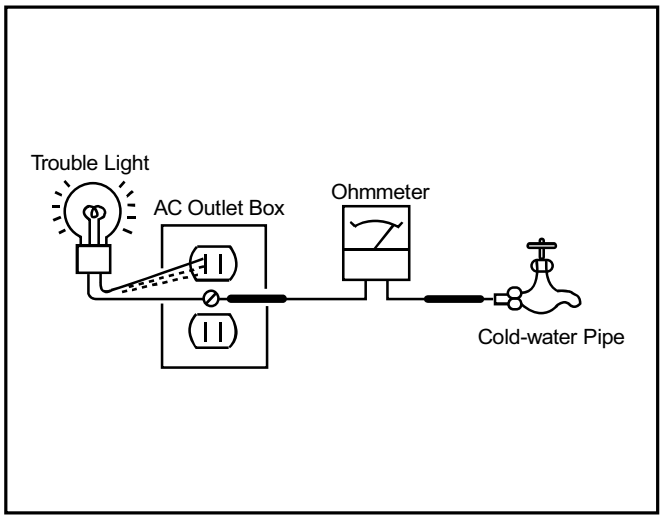

Figure B. Checking for earth ground.

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SELF-DIAGNOSTIC FUNCTION

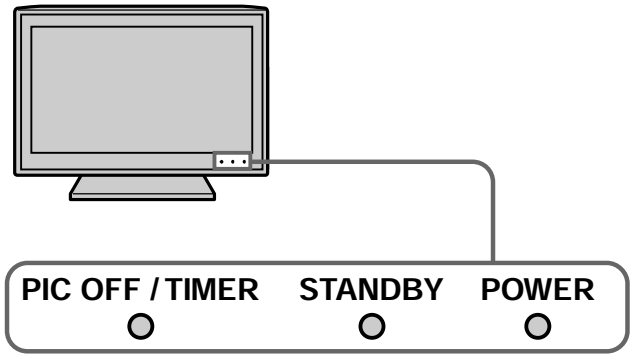
Self Diagnosis Supported model

The units in this manual contain a self-diagnostic function. If an error occurs, the STANDBY LED indicator will automatically begin to flash. The number of times the LED flashes translates to a probable source of the problem. A definition of the STANDBY LED flash indicators is listed in the instruction manual for the user's knowledge and reference. If an error symptom cannot be reproduced, the Remote Commander can be used to review the failure occurrence data stored in memory to reveal past problems and how often these problems occur.

1. Diagnostic Test Indicators

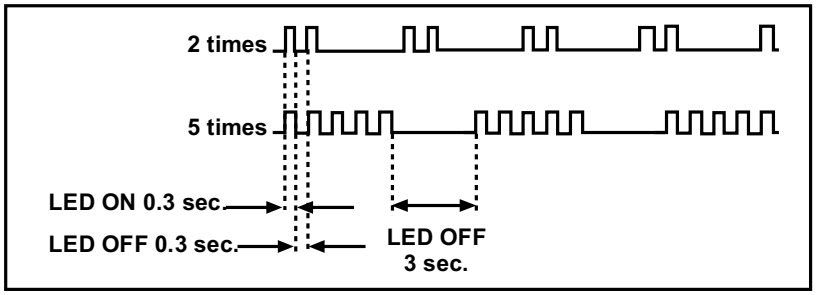
When an error occurs, the STANDBY LED indicator will flash a set number of times to indicate the possible cause of the problem. If there is more than one error, the indicator will identify the first of the problem areas.

☛ **LED Indicators**



Description of LED Indictors

LED	LED Type	Description
POWER LED	Green LED	* Lights up in green when the TV set is turned on.
STANDBY LED	Red LED	* Lights up in red when TV is in PC standby mode. * If LED blinks continuously, this may indicate that the TV needs servicing.
PIC OFF/ TIMER LED	Green or Orange LED	* Lights up in green when Picture Off is activated. * Lights up in orange when the timer is set. When timer is set, this LED remains lit even when the TV is turned off.



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LED Indicators

Diagnostic Item Description	Number of times STANDBY lamp flashes	Possible Location
Main Power	2 times	Power Supply Board G2BE Board (KDL-32S5100 ONLY) IP1 Board (KDL-40S5100 ONLY) IP2 Board (KDL-46S5100 ONLY)
DC Alert1	3 times	BM3 (Main) Board Power Supply Board G2BE Board (KDL-32S5100 ONLY) IP1 Board (KDL-40S5100 ONLY) IP2 Board (KDL-46S5100 ONLY)
TCON Error	4 times	LCD Panel
HDMI	5 times	BM3 (Main) Board
Backlight	6 times	LCD Panel
Temp	7 times	BM3 (Main) Board
HFR Error	8 times	LCD Panel

Viewing the Self Check Diagnostic List

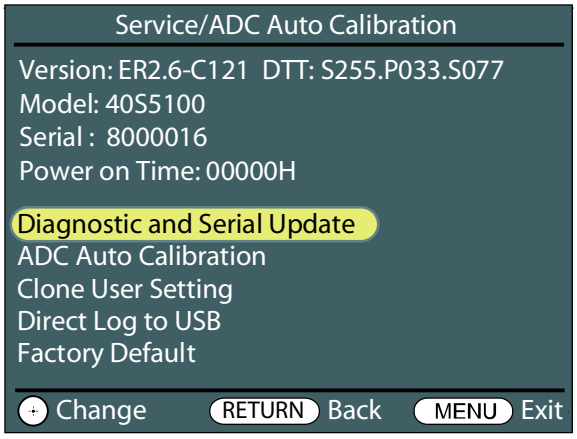
1. TV must be in standby mode. (Power off).
2. Press the following buttons on the Remote Commander within a second of each other:

   DISPLAY → Channel 5 → Volume + → TV POWER.

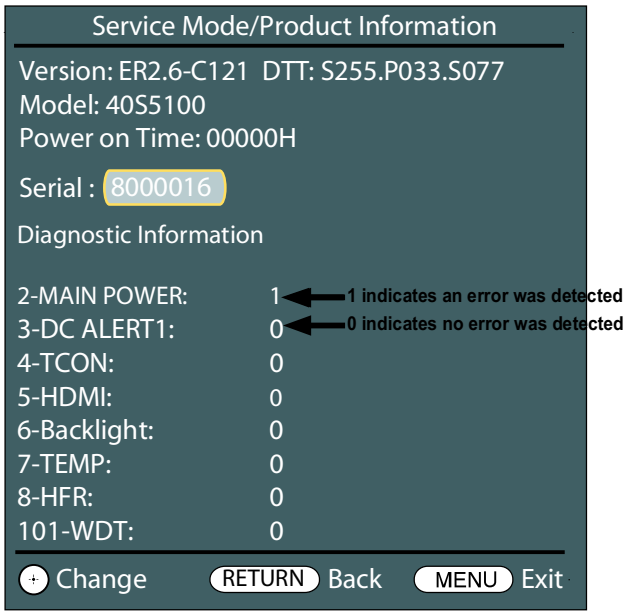
   The Self Check list displays.

   NOTE: This is the same as accessing Service Adjustments.

   The BRAVIA logo displays momentarily, then the Service Mode list displays.



3. To display the Self Diagnostic list, press ●.



4. To exit Service Mode, press MENU.

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SECTION 1: DISASSEMBLY

1-1. REAR COVER REMOVAL

(1) Remove 15 screws from Rear Cover (KDL-32S5100 ONLY)

Remove 18 screws from Rear Cover (KDL-40S5100 ONLY)

Remove 20 screws from Rear Cover (KDL-46S5100 ONLY)

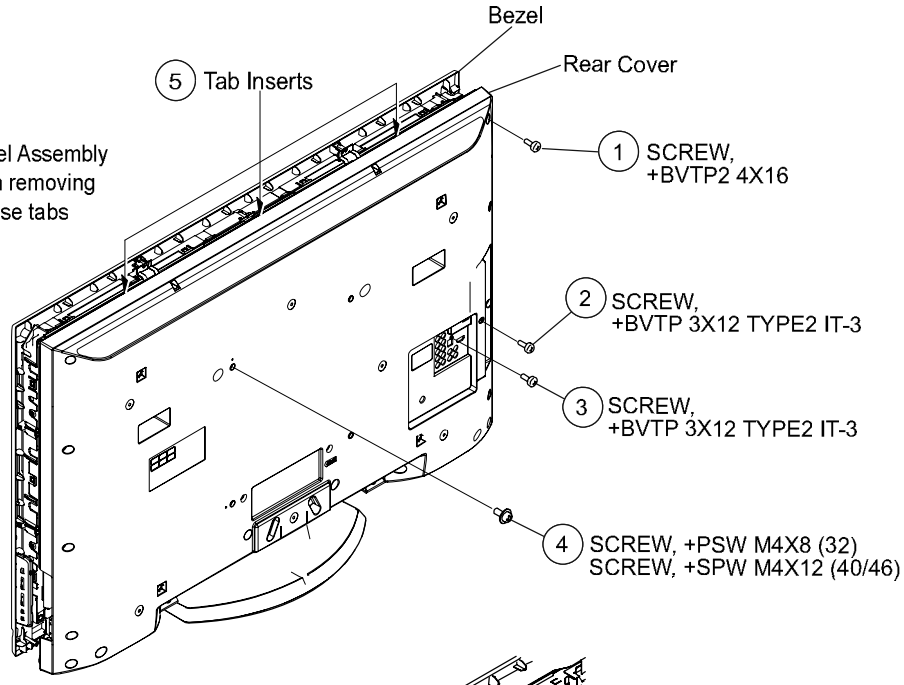
(2) Remove 1 screw from Side Jack position

(3) Remove 1 screw from Terminal position

(4) Remove 2 screws from Rear Cover (KDL-32S5100 ONLY)

Remove 4 screws from Rear Cover (KDL-40/46S5100 ONLY)

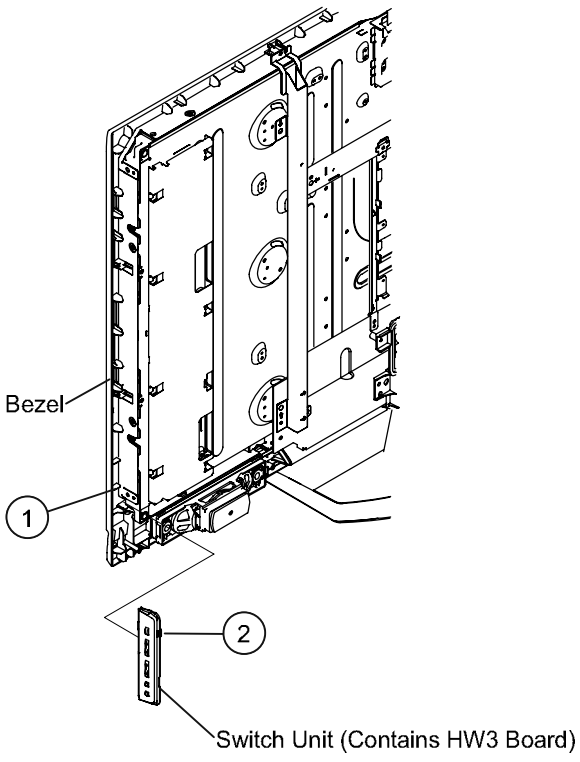
(5) The Rear Cover is attached to the Bezel Assembly with three small tabs Use caution when removing the Rear Cover to avoid damage to these tabs



1-2. SWITCH UNIT REMOVAL

(1) Slide out Switch unit from Bezel

(2) Disconnect 1 connector from HW3 Board



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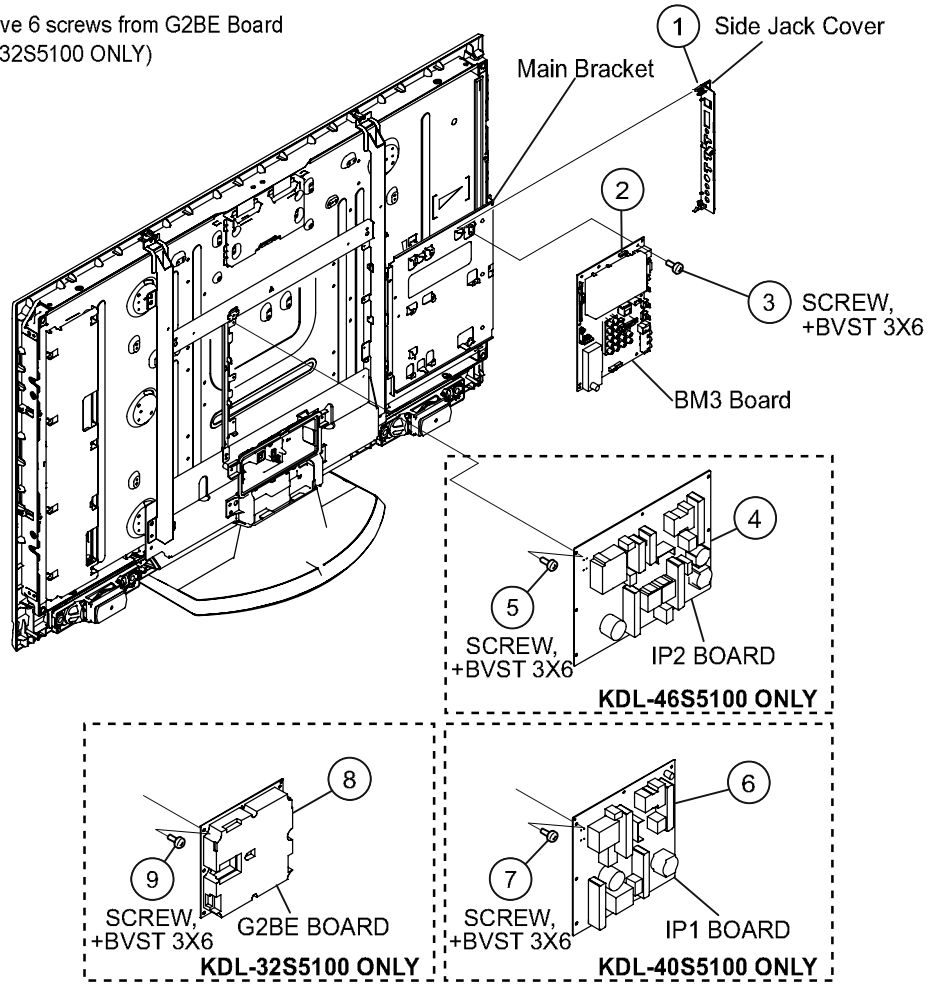
1-3. BM3 BOARD AND POWER BOARD REMOVAL

1. Unhook Side Jack Cover from Main Bracket
2. Disconnect 5 connectors from BM3 Board
3. Remove 9 screws from BM3 Board
4. Disconnect 5 connectors from IP2 Board (KDL-46S5100 ONLY)
5. Remove 6 screws from IP2 Board (KDL-46S5100 ONLY)
6. Disconnect 5 connectors from IP1 Board (KDL-40S5100 ONLY)
7. Remove 6 screws from IP1 Board (KDL-40S5100 ONLY)
8. Disconnect 3 connectors from G2BE Board (KDL-32S5100 ONLY)
9. Remove 6 screws from G2BE Board (KDL-32S5100 ONLY)



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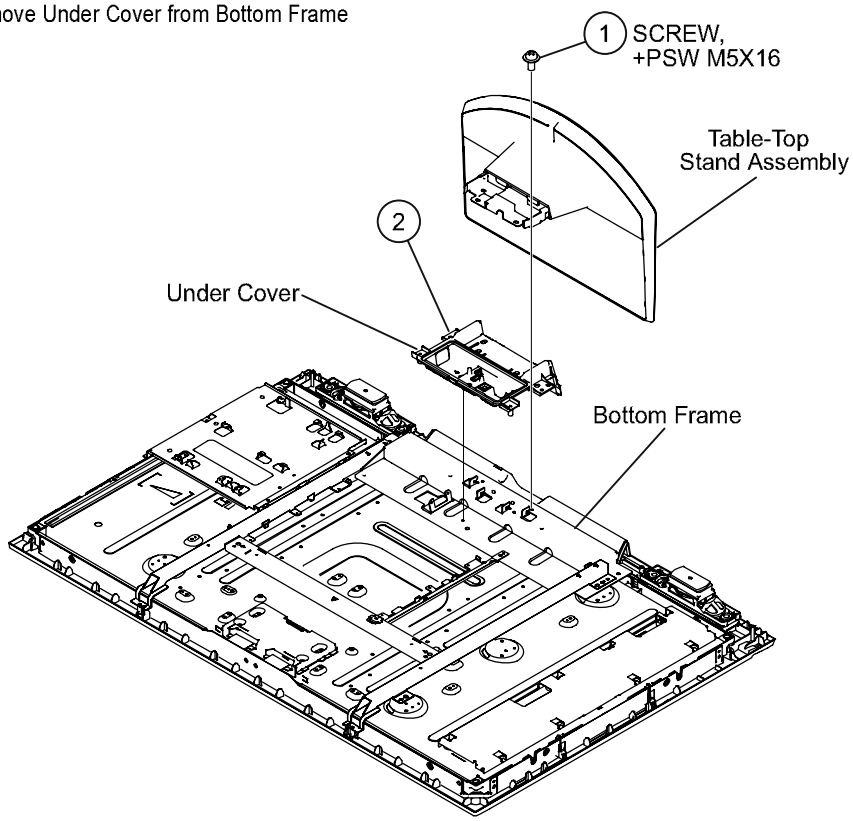
1-4. TABLE-TOP STAND ASSEMBLY AND UNDER COVER REMOVAL

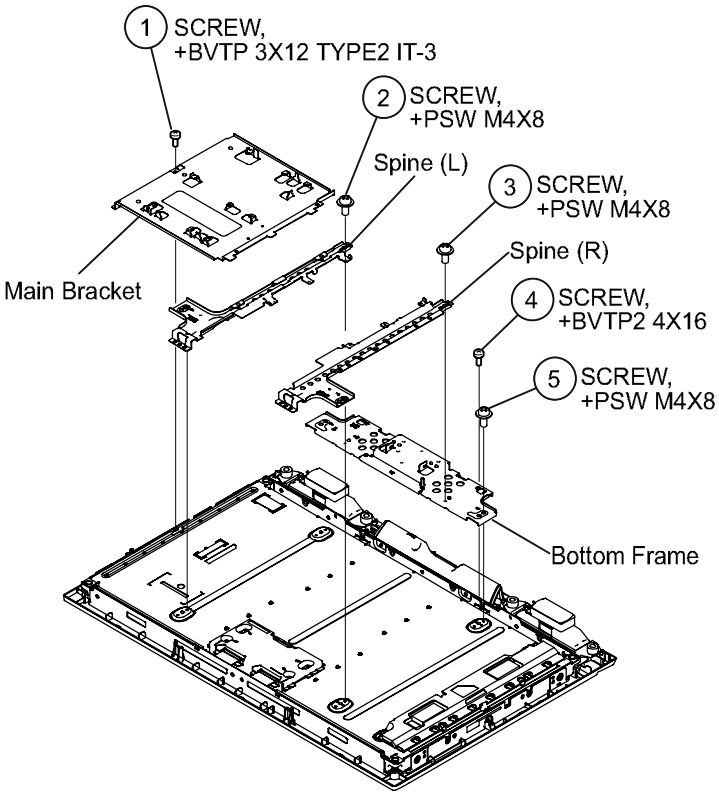
1. Remove 4 screws from Table-Top Stand Assembly
2. Remove Under Cover from Bottom Frame



1-5. STRUCTURAL PARTS REMOVAL

1-5-1. KDL-32S5100 ONLY

1. Remove 1 screw from Main Bracket and Bezel
2. Remove 2 screws from Spine (L)
3. Remove 2 screws from Spine (R)
4. Remove 2 screws from Bottom Frame
5. Remove 2 screws from Bottom Frame



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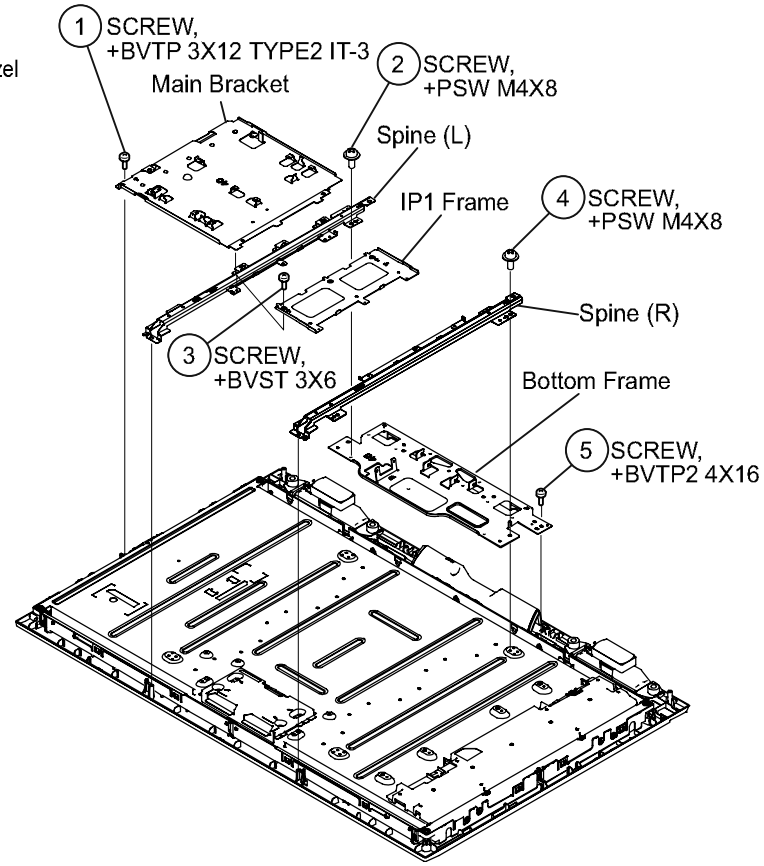
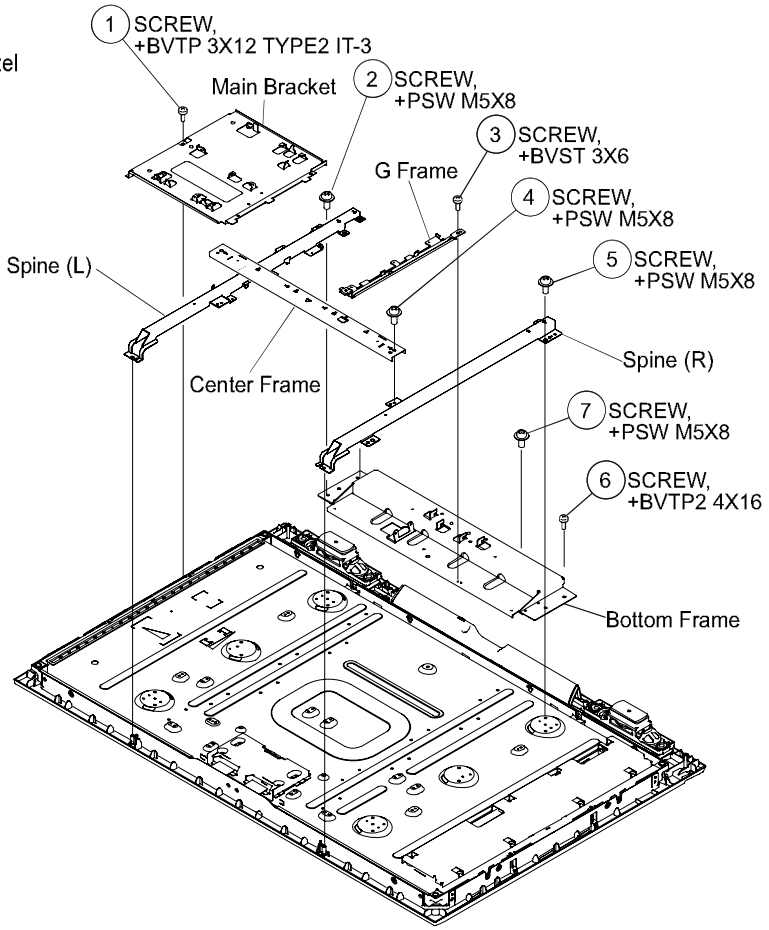
1-5-2. KDL-40S5100 ONLY

1. Remove 1 screw from Main Bracket and Bezel
2. Remove 4 screws from Spine (L)
3. Remove 3 screws from IP1 Frame
4. Remove 4 screws from Spine (R)
5. Remove 3 screws from Bottom Frame



1-5-3. KDL-46S5100 ONLY

1. Remove 1 screw from Main Bracket and Bezel
2. Remove 3 screws from Spine (L)
3. Remove 1 screw from G Frame
4. Remove 2 screws from Center Frame
5. Remove 3 screws from Spine (R)
6. Remove 3 screws from Bottom Frame
7. Remove 1 screw from Bottom Frame



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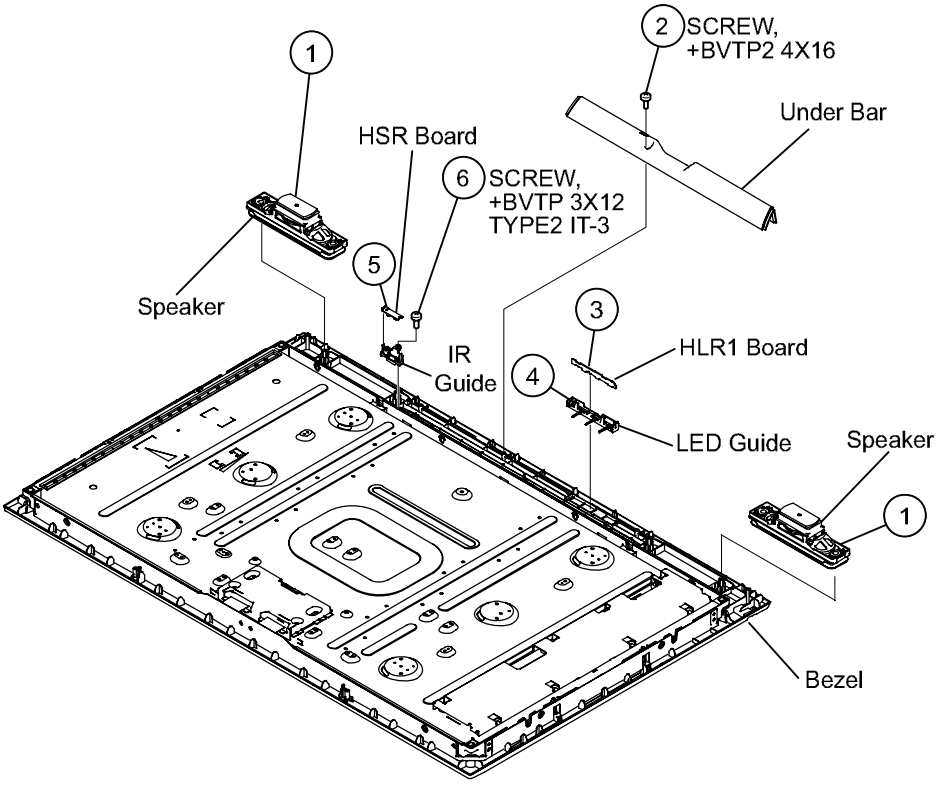
1-6. LOUDSPEAKER, UNDER BAR, IR/LED REMOVAL

1. Slide out both Speakers from Bezel
2. Remove 1 screw from Under Bar
3. Disconnect 1 connector from HLR1 Board and release from LED Guide
4. Unhook and release LED Guide from Bezel
5. Disconnect 1 connector from HSR Board and release from IR
6. Remove 1 screw and release IR from Bezel



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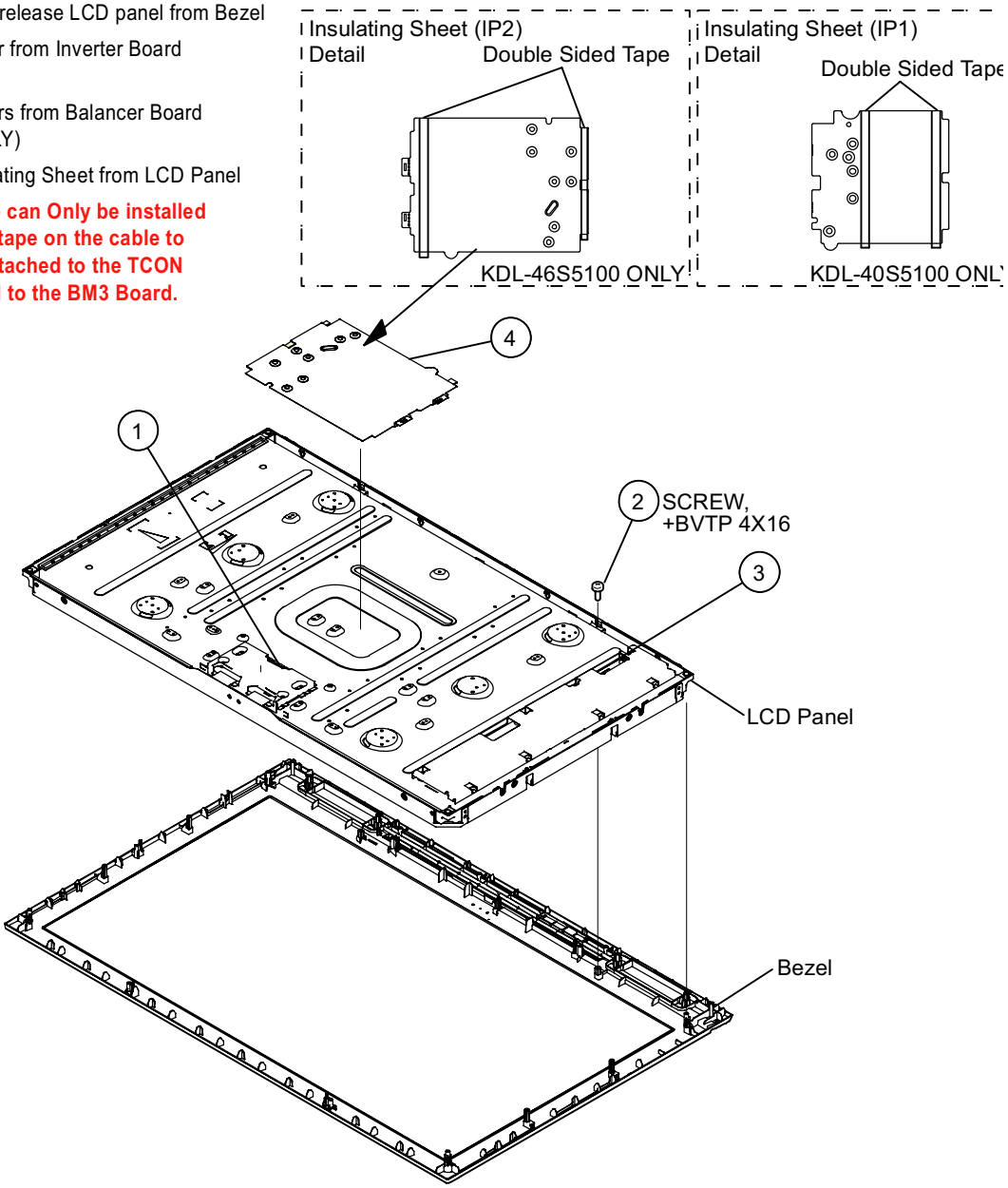
1-7. LCD PANEL REMOVAL

CAUTION: When replacing the LCD Panel, you must also replace the Radiation sheet.
For part number information, refer to the Exploded View section of this manual.

1. Remove LVDS connector and LVDS Holder from T-CON and LCD panel
2. Remove 2 screws and release LCD panel from Bezel
3. Disconnect 1 connector from Inverter Board (KDL-32S5100 ONLY)
   Disconnect 2 connectors from Balancer Board (KDL-40/46S5100 ONLY)
4. Carefully peel off Insulating Sheet from LCD Panel

CAUTION: The LVDS cable can Only be installed one way. There is colored tape on the cable to determine which side is attached to the TCON and which side is attached to the BM3 Board.



1-7-1. CLEANING THE LCD PANEL

CAUTION: When cleaning the TV, be sure to unplug the power cord to avoid any chance of electric shock.

Clean the cabinet of the TV with a dry soft cloth.

Wipe the LCD screen gently with a soft cloth.

→ Stubborn stains may be removed with a cloth slightly moistened with a solution of mild soap and warm water.

→ If using a chemically pretreated cloth, please follow the instruction provided on the package.

→ Never use strong solvents such as a thinner, alcohol or benzine for cleaning.

→ Periodic vacuuming of the ventilation openings is recommended to ensure to proper ventilation.

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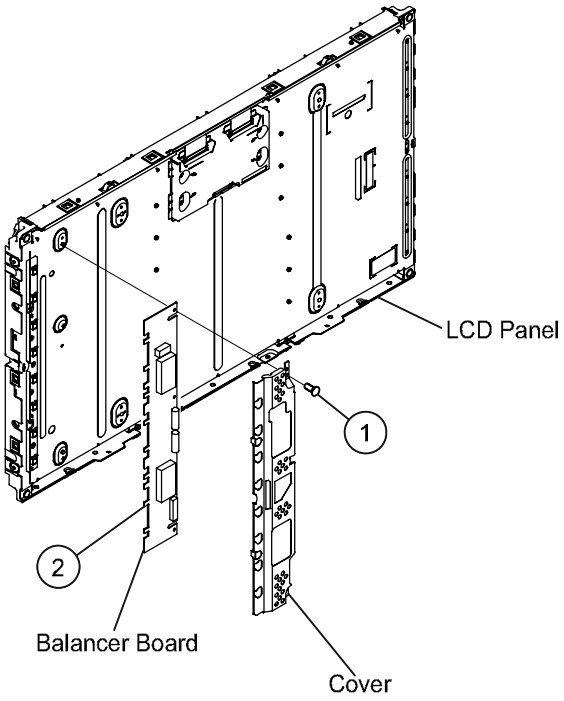
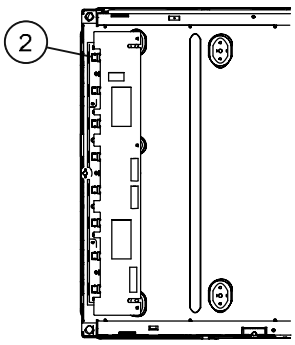
1-8. INVERTER BOARD REMOVAL (KDL-32S5100 ONLY)

1. Remove 6 screws from Inverter Board Cover
2. Slide out Inverter Boards from Light Sockets





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WIRE DRESSING

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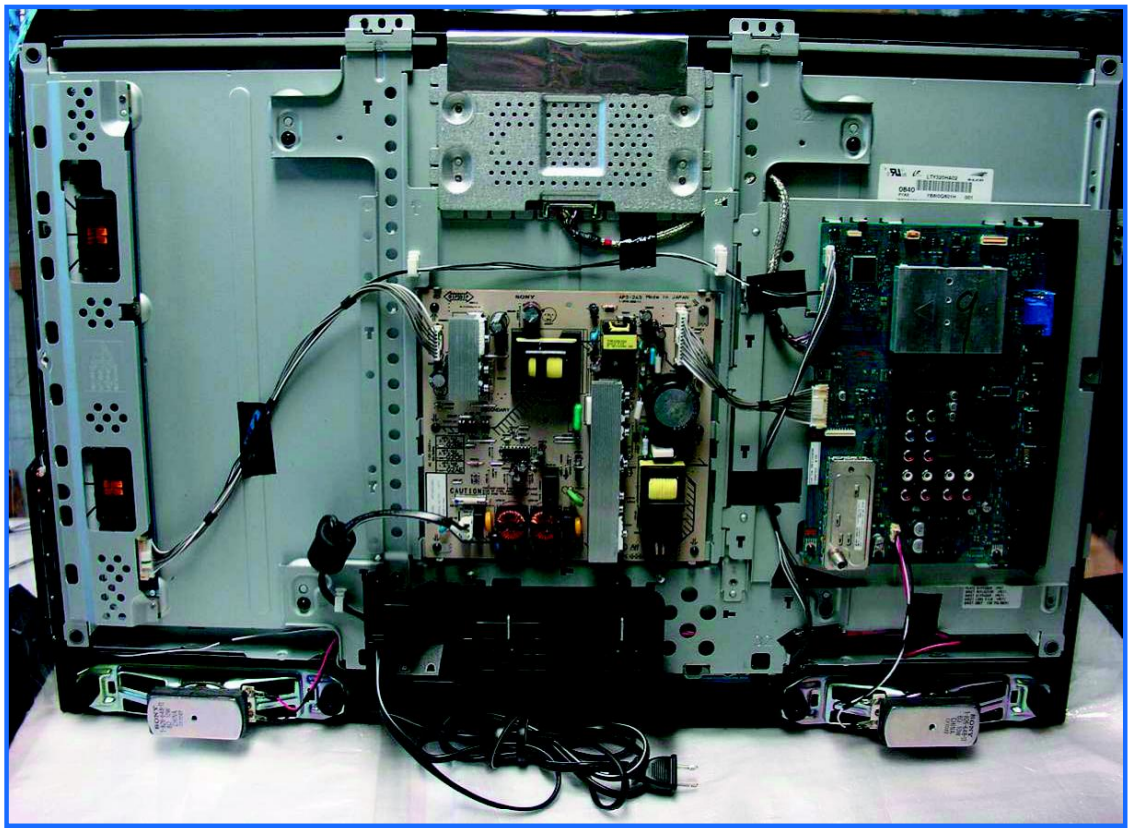
OVERALL ASSEMBLY



NOTE: THE TAPE COLOR ON THE LVDS CONNECTOR IS TO HELP DETERMINE THE CORRECT CONNECTION PLACEMENT

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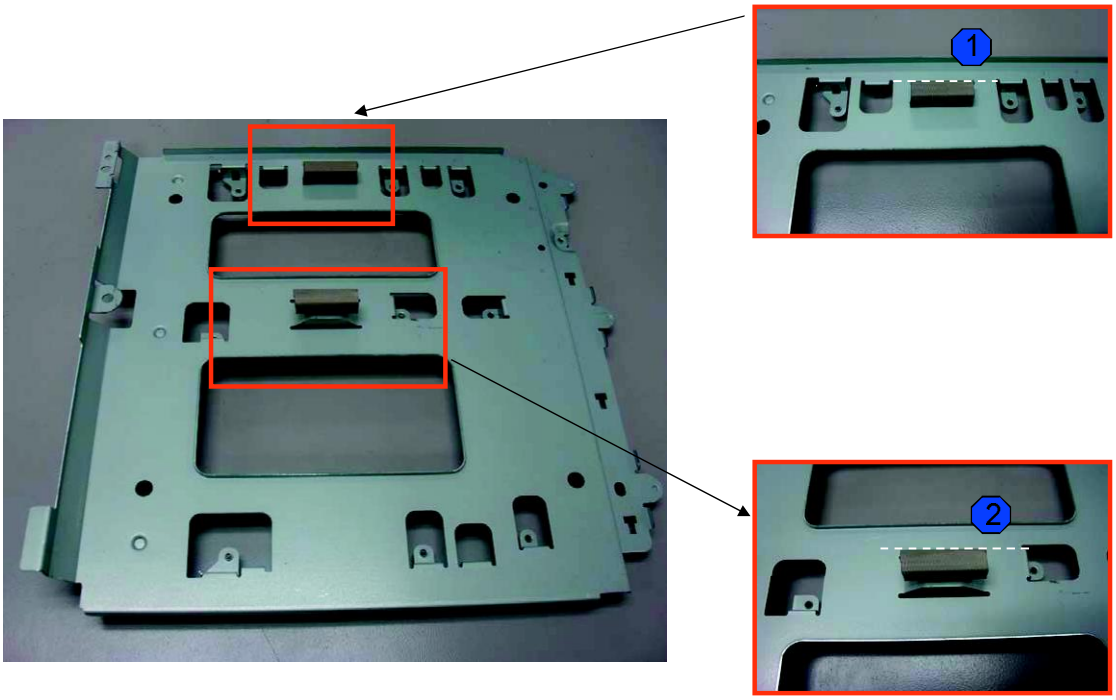
LEGEND

Qty	Description	Symbol in dressing document
4	T clamp	
10	Tape(No.8915) 25mmx60mm	
1	Cofab tape	
2	Gasket	



INSERT THE GASKET OVER THE BACK SIDE OF THE MAIN BRACKET

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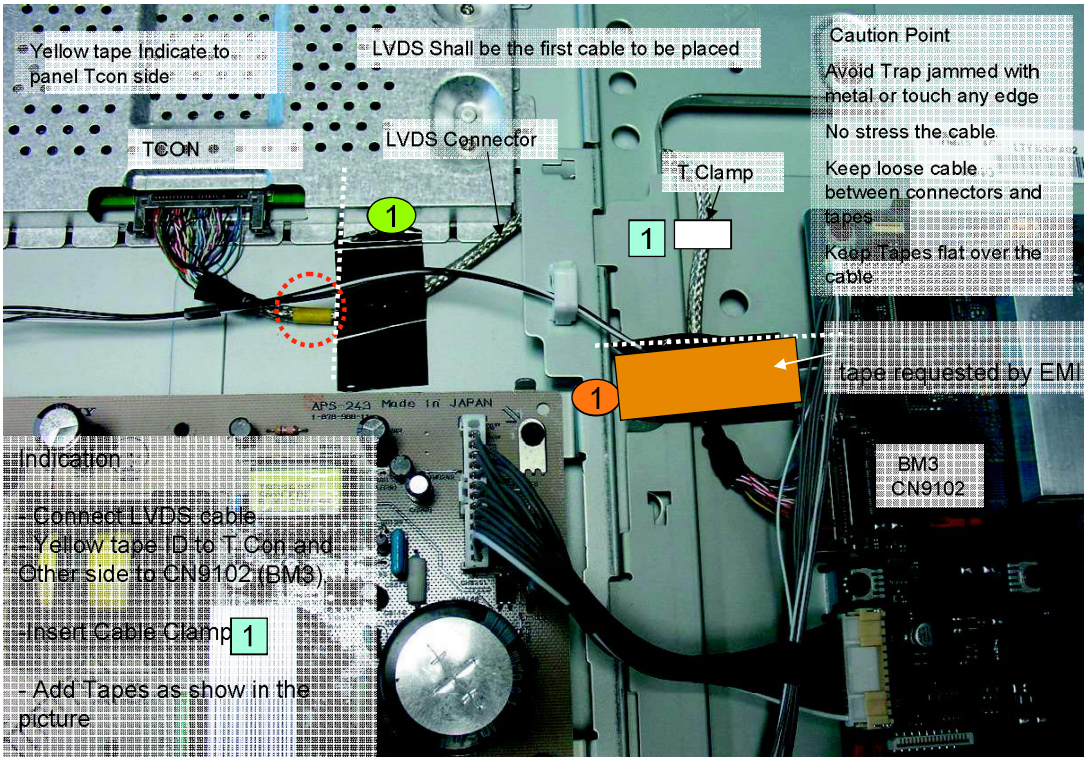
LEGEND

Qty	Description	Symbol in dressing document
4	T clamp	
10	Tape(No.8915) 25mmx60mm	
1	Cofab tape	
2	Gasket	

LVDS Cable → TCON to BM3/CN9102


Yellow tape Indicate to panel Tcon side
LVDS Shall be the first cable to be placed
Caution Point
Avoid Trap jammed with metal or touch any edge
No stress the cable
Keep loose cable between connectors and tapes
Keep Tapes flat over the cable
TCON
LVDS Connector
T Clamp
1
1
1
tape requested by EMI
BM3
CN9102
Indication
- Connect LVDS cable
- Yellow tape ID to T.Con and Other side to CN9102 (BM3)
- Insert Cable Clamp 1
- Add Tapes as show in the picture

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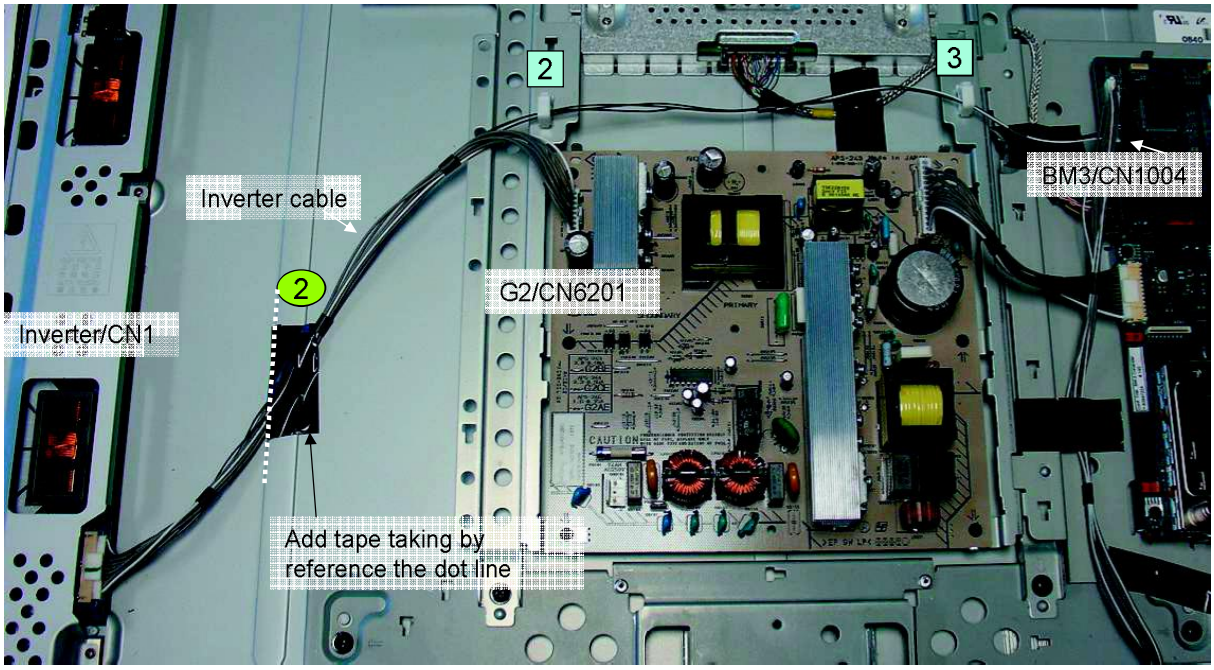
LEGEND

Qty	Description	Symbol in dressing document
4	T clamp	
10	Tape(No.8915) 25mmx60mm	
1	Cofab tape	
2	Gasket	

Inverter/CN1 to G2/CN6201 and BM3/CN1004



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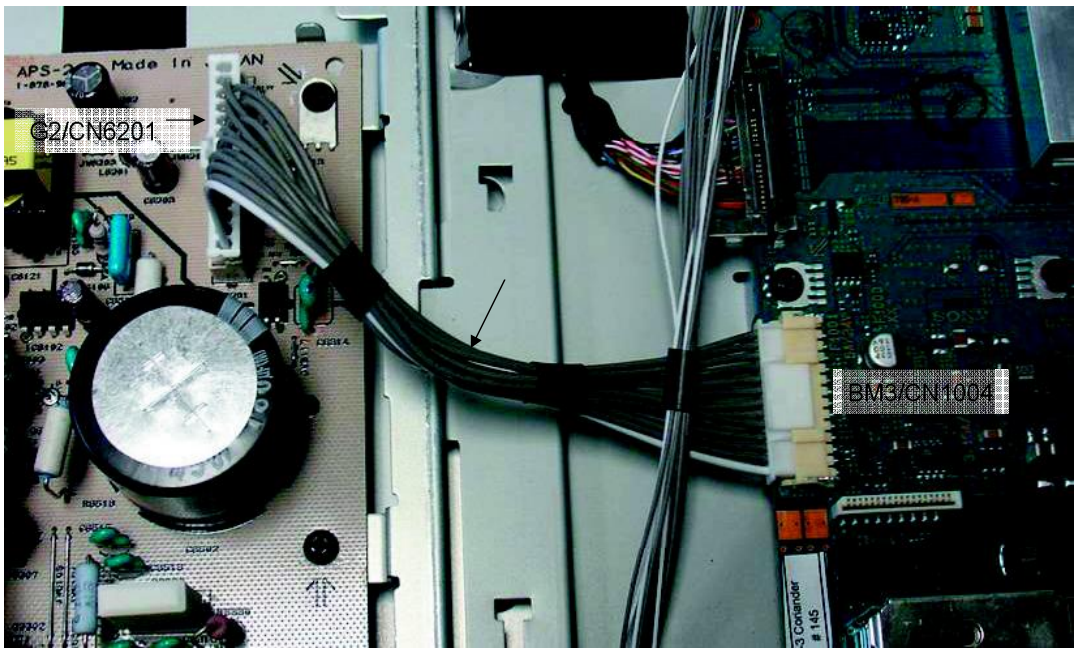
LEGEND

Qty	Description	Symbol in dressing document
4	T clamp	
10	Tape(No.8915) 25mmx60mm	
1	Cofab tape	
2	Gasket	

G2/CN6202 and BM3/CN1003



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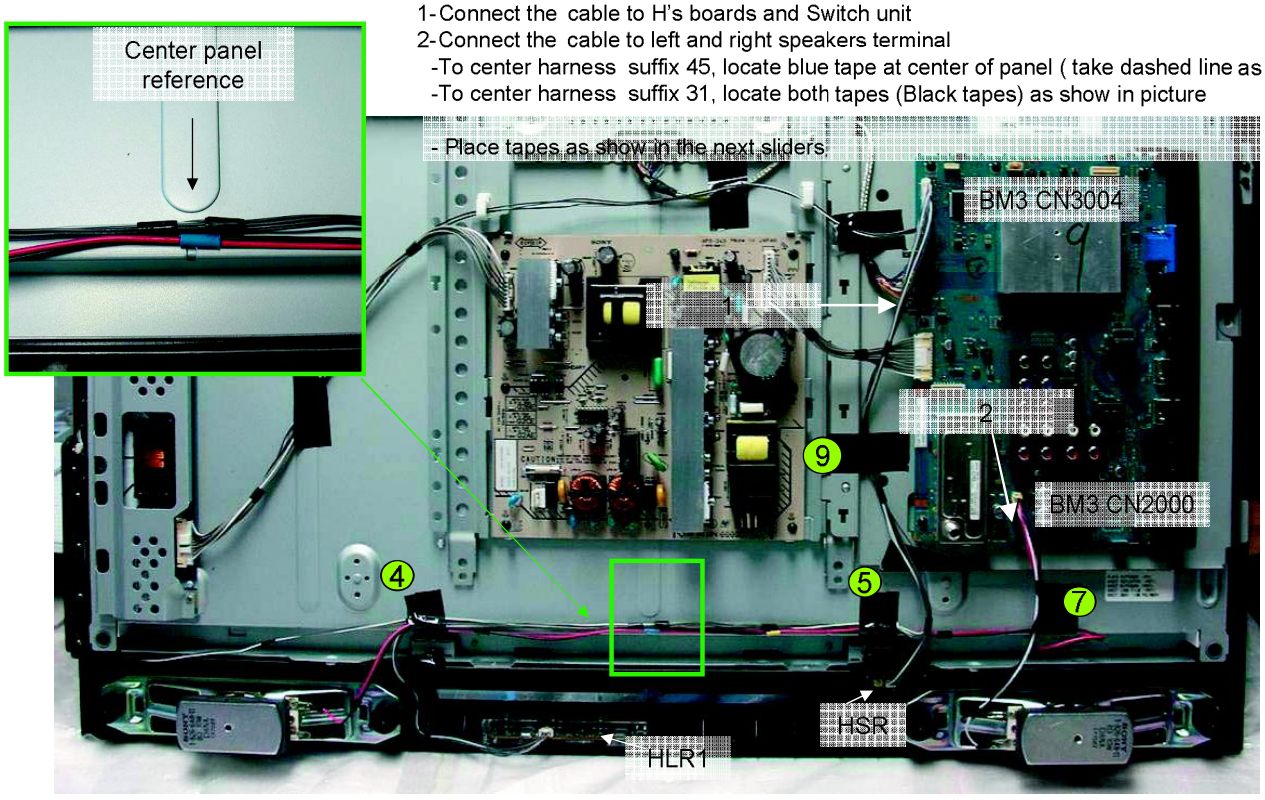
LEGEND

Qty	Description	Symbol in dressing document
4	T clamp	
10	Tape(No.8915) 25mmx60mm	
1	Cofab tape	
2	Gasket	

BM3/CN3004 to HSR, HLR1 and Switch unit
BM3/CN2000 to Speakers terminals

Indications:

1- Connect the cable to H's boards and Switch unit
2- Connect the cable to left and right speakers terminal
-To center harness suffix 45, locate blue tape at center of panel (take dashed line as reference)
-To center harness suffix 31, locate both tapes (Black tapes) as show in picture



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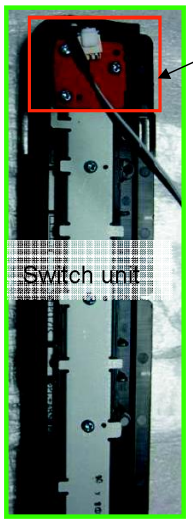
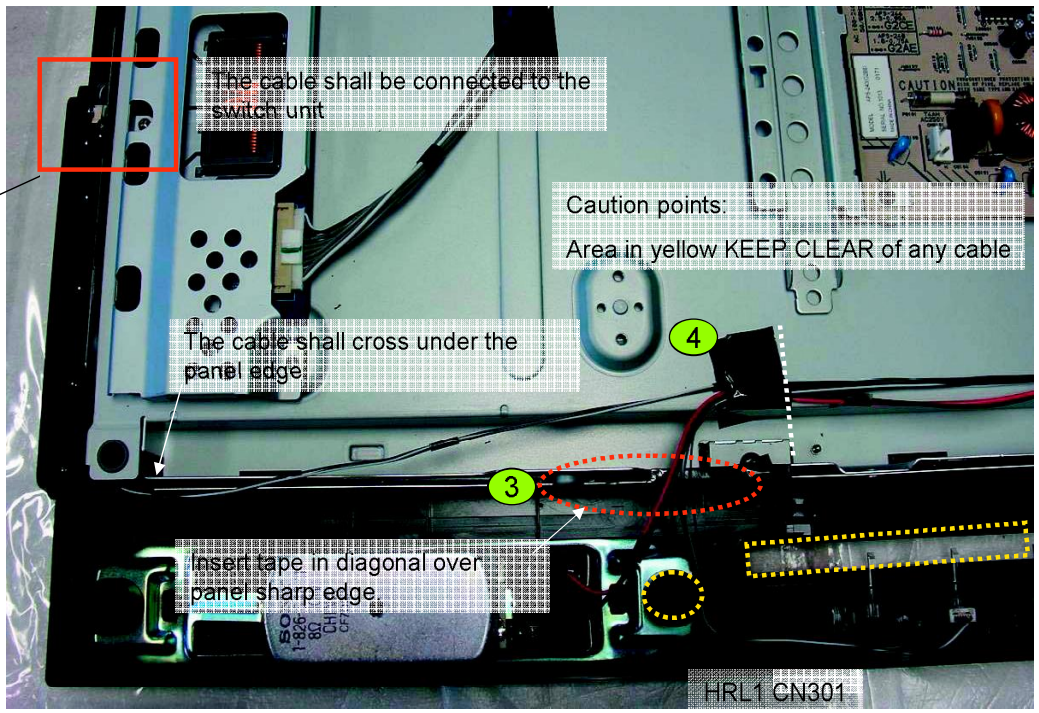
LEGEND

Qty	Description	Symbol in dressing document
4	T clamp	
10	Tape(No.8915) 25mmx60mm	
1	Cofab tape	
2	Gasket	

BM3/CN3004 to HSR, HLR1 and Switch unit
BM3/CN2000 to Speakers terminals

Caution point: Don't stress the cable, while the switch unit is being placed




The cable shall be connected to the switch unit
Caution points:
Area in yellow KEEP CLEAR of any cable
The cable shall cross under the panel edge
4
3
Insert tape in diagonal over panel sharp edge.
HRL1 CN301

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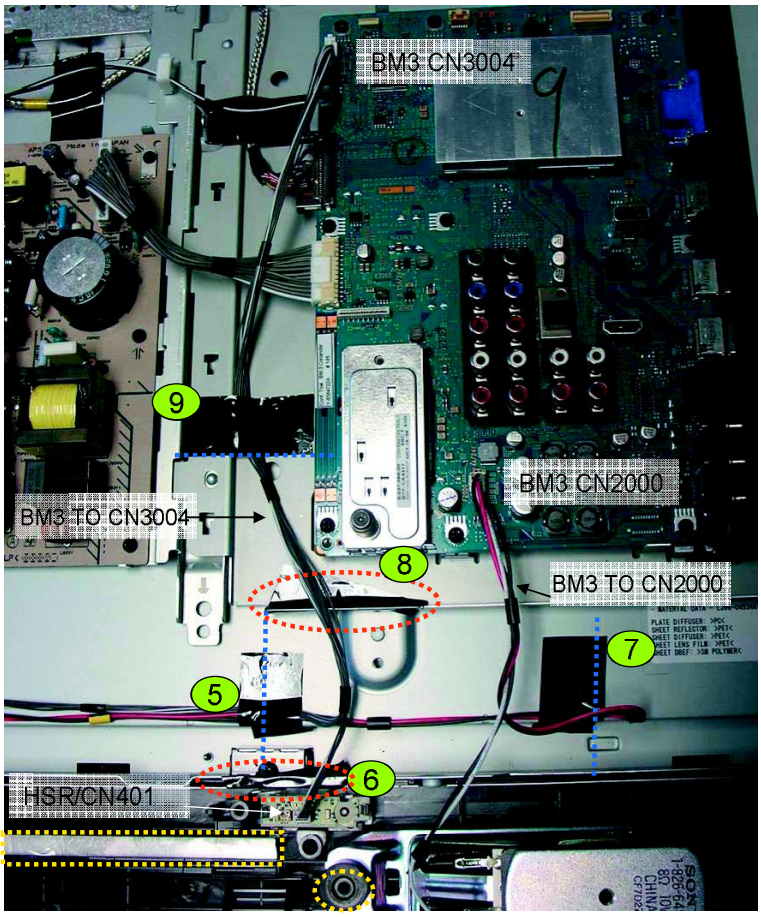
LEGEND

Qty	Description	Symbol in dressing document
4	T clamp	
10	Tape(No.8915) 25mmx60mm	
1	Cofab tape	
2	Gasket	

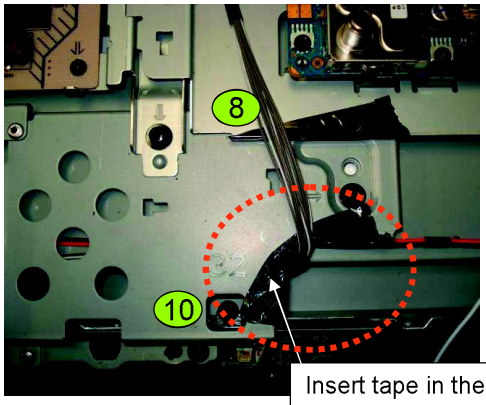
BM3/CN3004 to HSR, HLR1 and Switch unit
BM3/CN2000 to Speakers terminals



Indications :

-Add tape **6** and **8** in diagonal over the panel and main bracket sharp edges
-Insert tape **7** to the left of the reference (dot line)
-Add tape **5** and **9** taking by reference the dash line

Caution points: Area in yellow KEEP CLEAR of any cable



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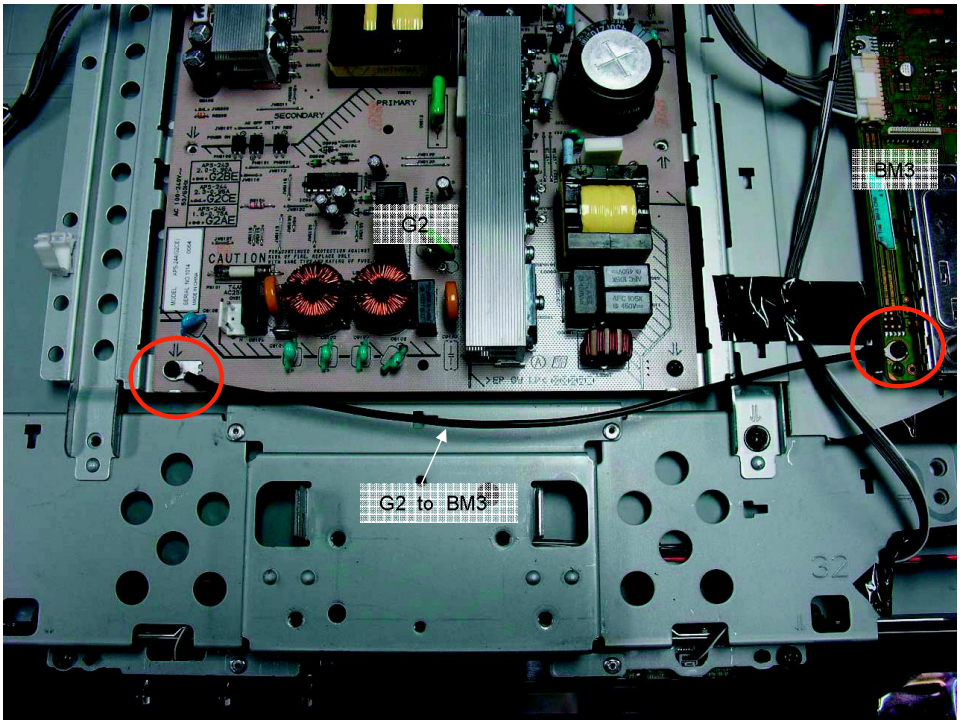
LEGEND

Qty	Description	Symbol in dressing document
4	T clamp	
10	Tape(No.8915) 25mmx60mm	
1	Cofab tape	
2	Gasket	

Screw G2 to screw BM3



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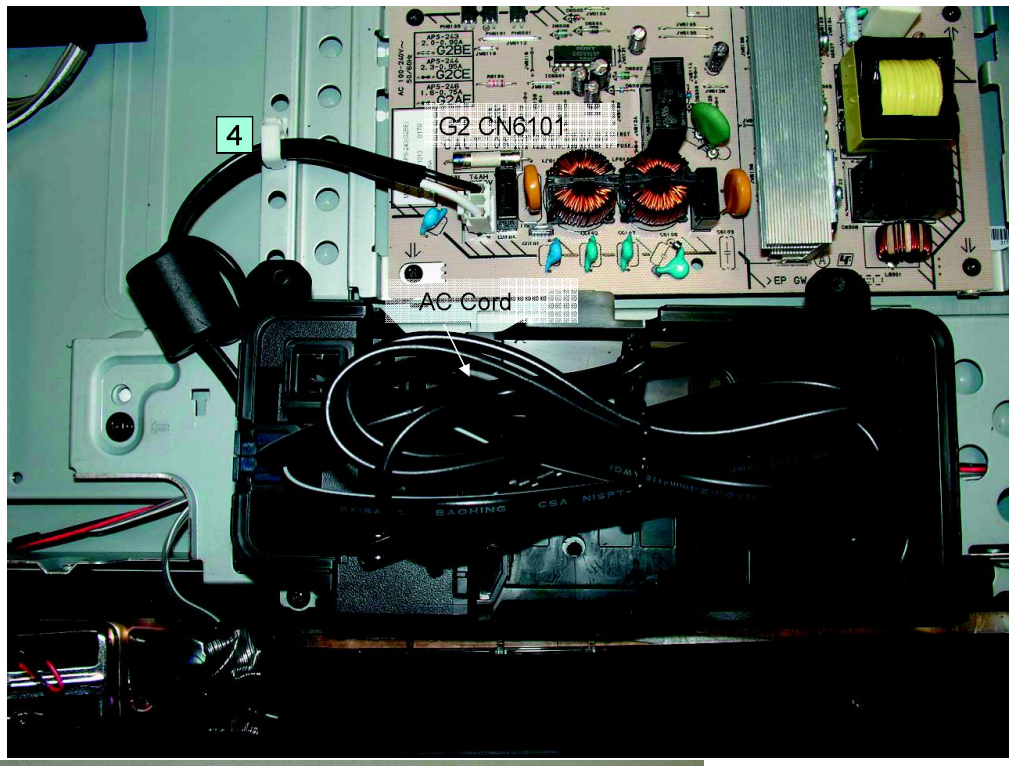
LEGEND

Qty	Description	Symbol in dressing document
4	T clamp	
10	Tape(No.8915) 25mmx60mm	
1	Cofab tape	
2	Gasket	

AC cord → G2/CN6101



AC Holder position

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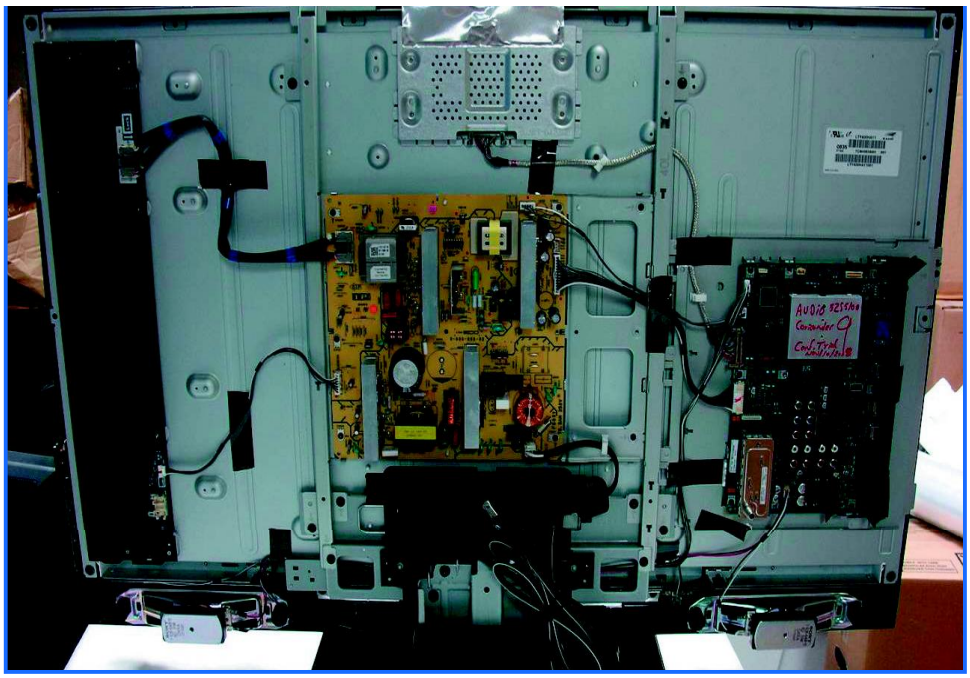
OVERALL ASSEMBLY



NOTE: THE TAPE COLOR ON THE LVDS CONNECTOR IS TO HELP DETERMINE THE CORRECT CONNECTION PLACEMENT

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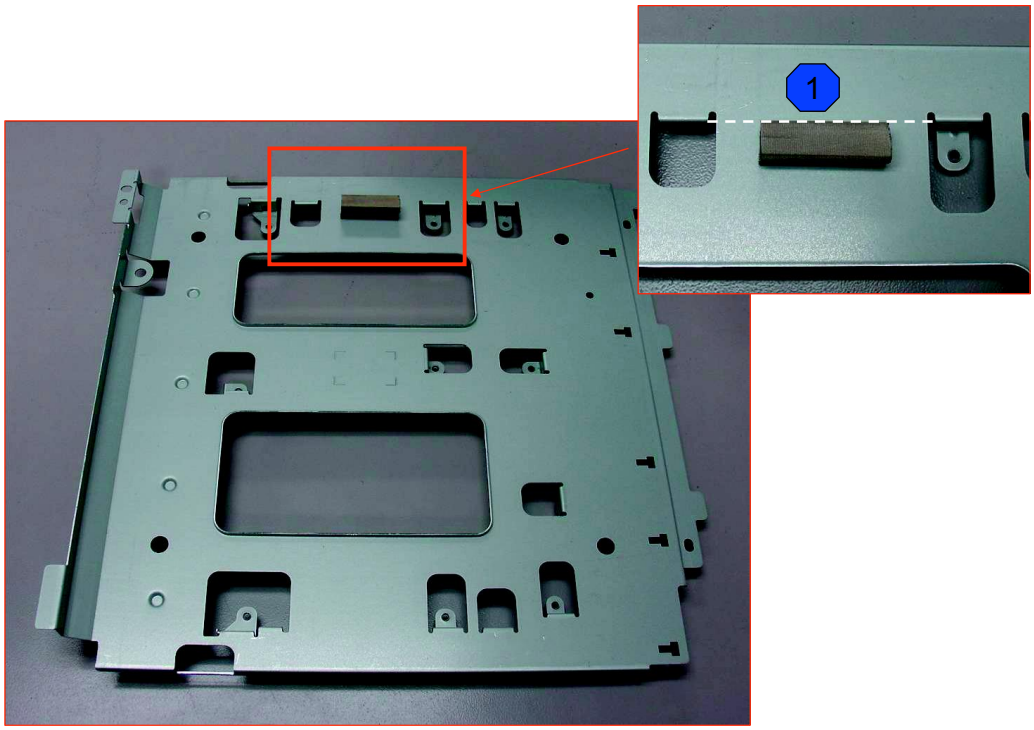
LEGEND

Qty	Description	Symbol in drawing document
2	T clamp	
1	Screw Clamp	
10	Tape(No.8915) 25mmx60mm	
1	Cofab tape	
1	Himelon	
1	Gasket	



INSERT THE GASKET OVER THE BACK SIDE OF THE MAIN BRACKET

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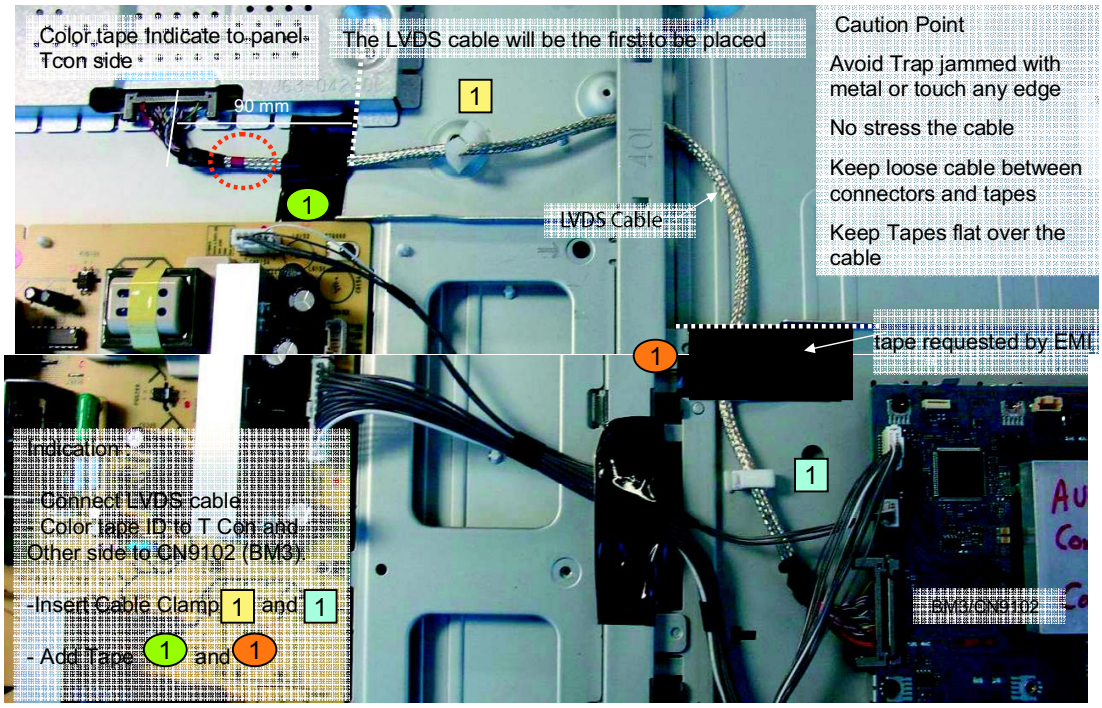
LEGEND

Qty	Description	Symbol in dressing document
2	T clamp	
1	Screw Clamp	
10	Tape(No.8915) 25mmx60mm	
1	Cofab tape	
1	Himelon	
1	Gasket	

LVDS cable → Tcon to BM3/CN9102


Color tape Indicate to panel Tcon side
The LVDS cable will be the first to be placed
90 mm
1
1
LVDS Cable
Caution Point
Avoid Trap jammed with metal or touch any edge
No stress the cable
Keep loose cable between connectors and tapes
Keep Tapes flat over the cable
tape requested by EMI
1
1
Indication :
- Connect LVDS cable
- Color tape ID to T Con and Other side to CN9102 (BM3).
-Insert Cable Clamp 1 and 1
- Add Tape 1 and 1
BM3/CN9102

NOTE: THE TAPE COLOR ON THE LVDS CONNECTOR IS TO HELP DETERMINE THE CORRECT CONNECTION PLACEMENT

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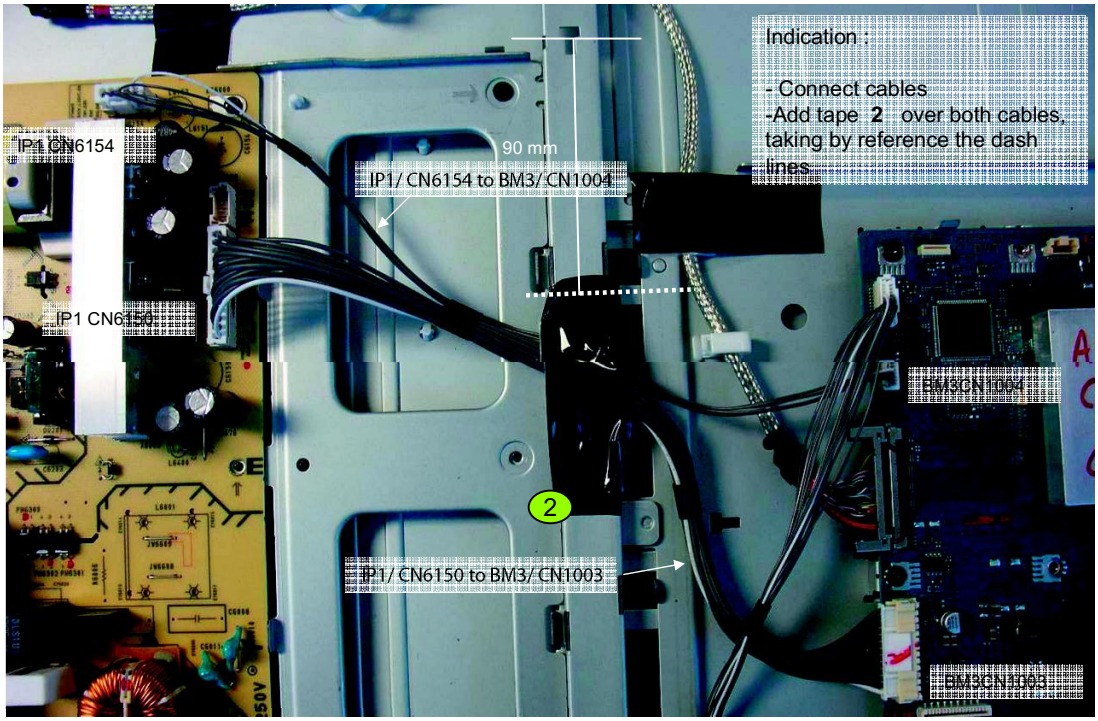
LEGEND

Qty	Description	Symbol in dressing document
2	T clamp	
1	Screw Clamp	
10	Tape(No.8915) 25mmx60mm	
1	Cofab tape	
1	Himelon	
1	Gasket	

Cable → from IP1/CN6150 to BM3/CN1003
Cable → from IP1/CN6154 to BM3/CN1004



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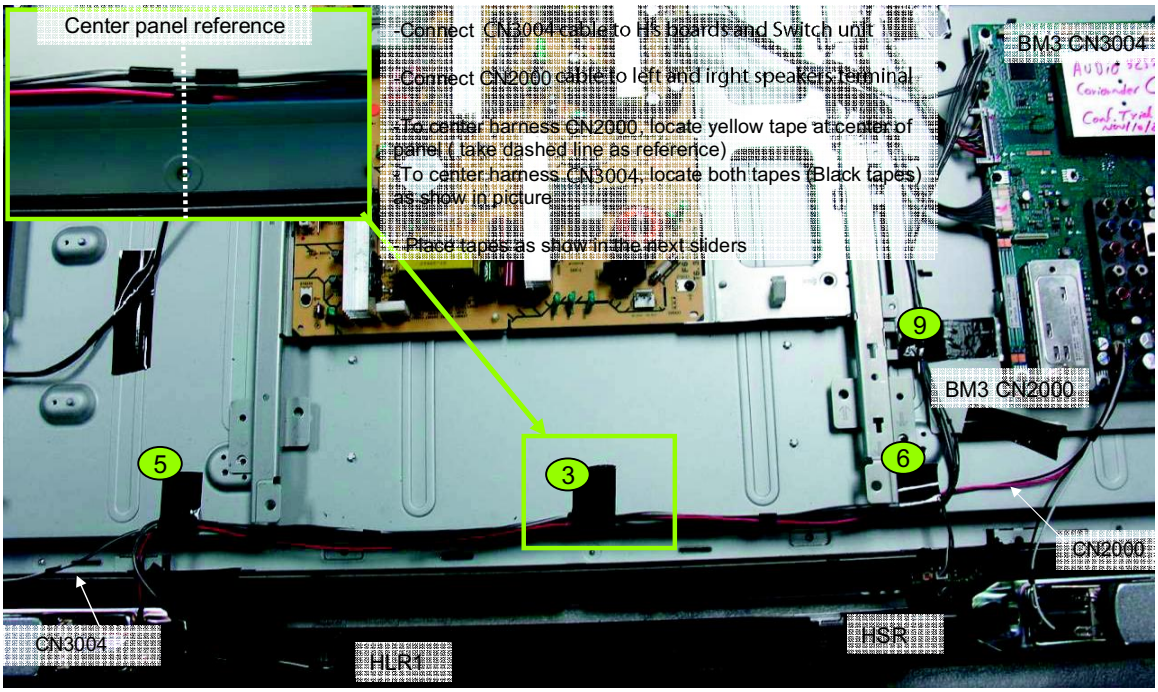
LEGEND

Qty	Description	Symbol in dressing document
2	T clamp	
1	Screw Clamp	
10	Tape(No.8915) 25mmx60mm	
1	Cofab tape	
1	Himelon	
1	Gasket	

Cable → from BM3/CN3004 to HSR, HLR1 switch unit
Cable → from BM3/CN2000 to Speaker terminals

Indications:


Center panel reference
-Connect CN3004 cable to HS boards and Switch unit
-Connect CN2000 cable to left and irght speakers terminal
-To center harness CN2000, locate yellow tape at center of panel (take dashed line as reference)
-To center harness CN3004, locate both tapes (Black tapes) as show in picture
-Place tapes as show in the next sliders
BM3 CN3004
BM3 CN2000
CN2000
CN3004
HLR1
HSR
5
3
9
6

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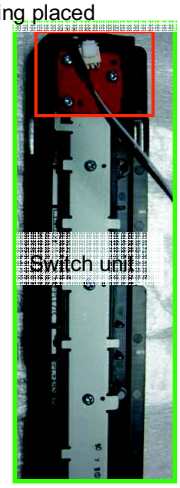
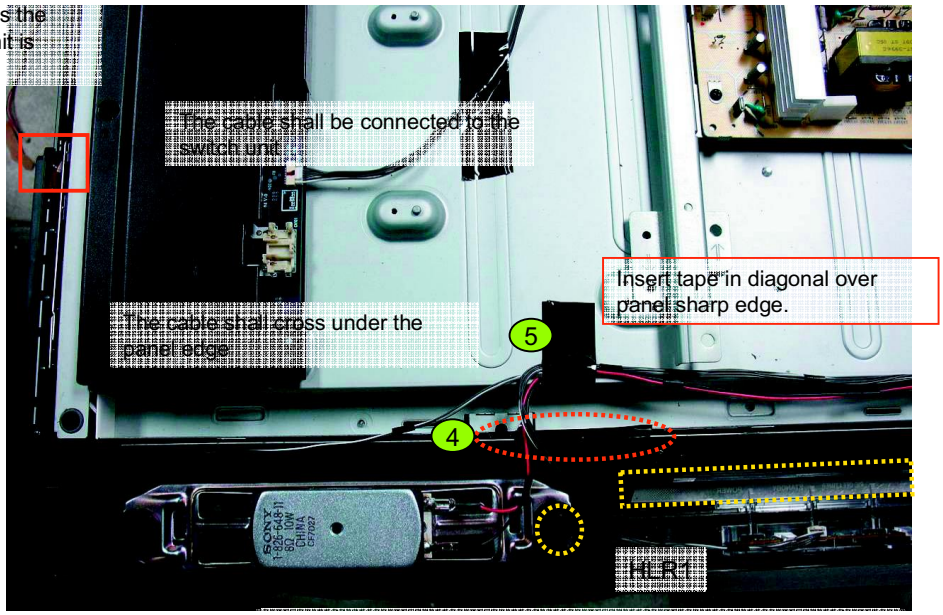
LEGEND

Qty	Description	Symbol in dressing document
2	T clamp	
1	Screw Clamp	
10	Tape(No.8915) 25mmx60mm	
1	Cofab tape	
1	Himelon	
1	Gasket	

Cable → from BM3/CN3004 to HSR, HLR1 switch unit
Cable → from BM3/CN2000 to Speaker terminals

Caution point: Don't stress the cable, while the switch unit is being placed




The cable shall be connected to the switch unit
Insert tape in diagonal over panel sharp edge.
The cable shall cross under the panel edge
5
4
HLR1

Caution points: keep area in yellow CLEAR of any cable

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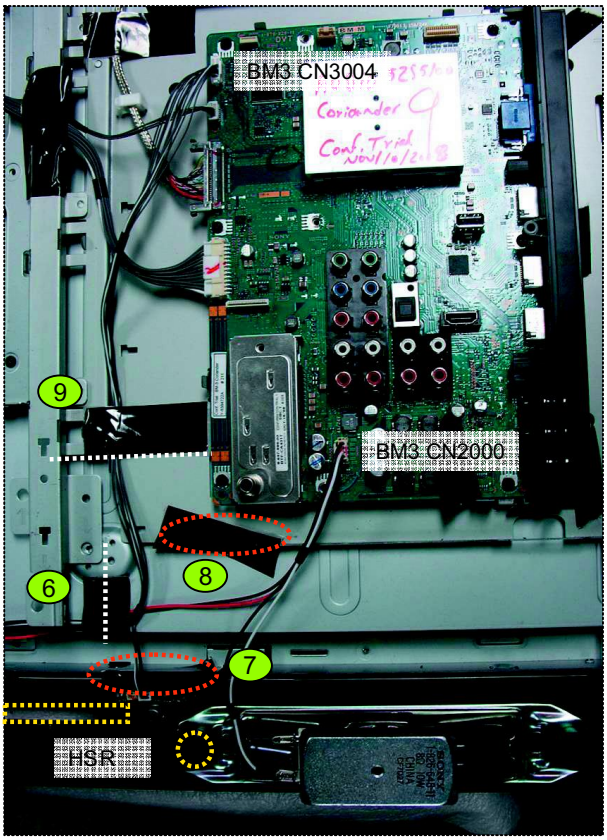
LEGEND

Qty	Description	Symbol in dressing document
2	T clamp	
1	Screw Clamp	
10	Tape(No.8915) 25mmx60mm	
1	Cofab tape	
1	Himelon	
1	Gasket	

Cable → from BM3/CN3004 to HSR, HLR1 switch unit
Cable → from BM3/CN2000 to Speaker terminals



Indications :

-Add tape **7** and **8** in diagonal over the panel and main bracket sharp edges

-Add tape **6** taking by reference the center of panel circle

-Insert tape **9** on top of reference dash line

Caution points:

keep area in yellow CLEAR of any cable

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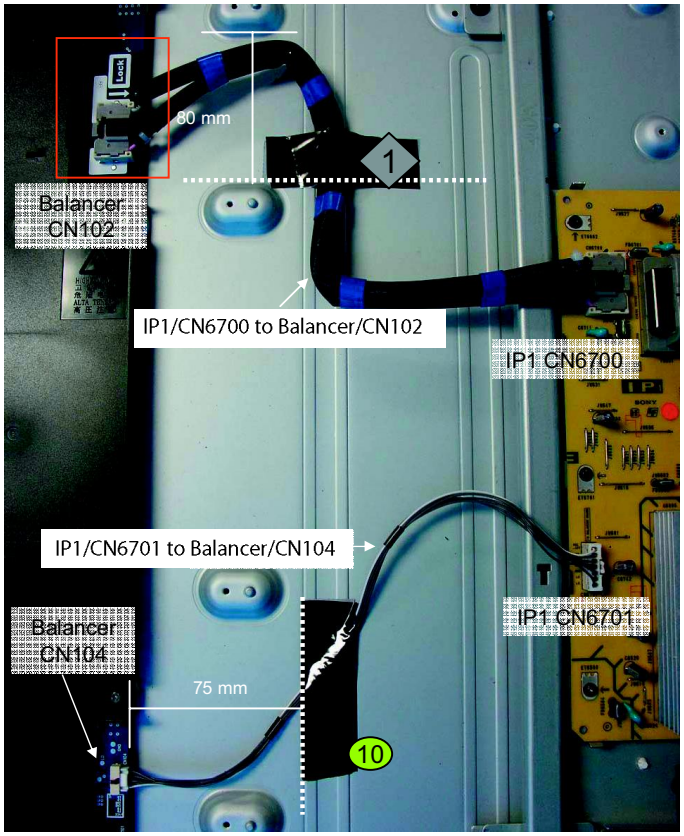
Cable → from IP1/CN6700 to Balancer/CN102
Cable → from IP1/CN6701 to Balancer/CN104



LEGEND

Qty	Description	Symbol in dressing document
2	T clamp	
1	Screw Clamp	
10	Tape(No.8915) 25mmx60mm	
1	Cofab tape	
1	Himelon	
1	Gasket	

Indications:

-Insert Himelon Tape **1** in horizontal way taking by reference the dotted line.

-Add tape **10** in vertical form taking by reference the panel lines

Lock both sizes of cable pushing the locked were the arrow points

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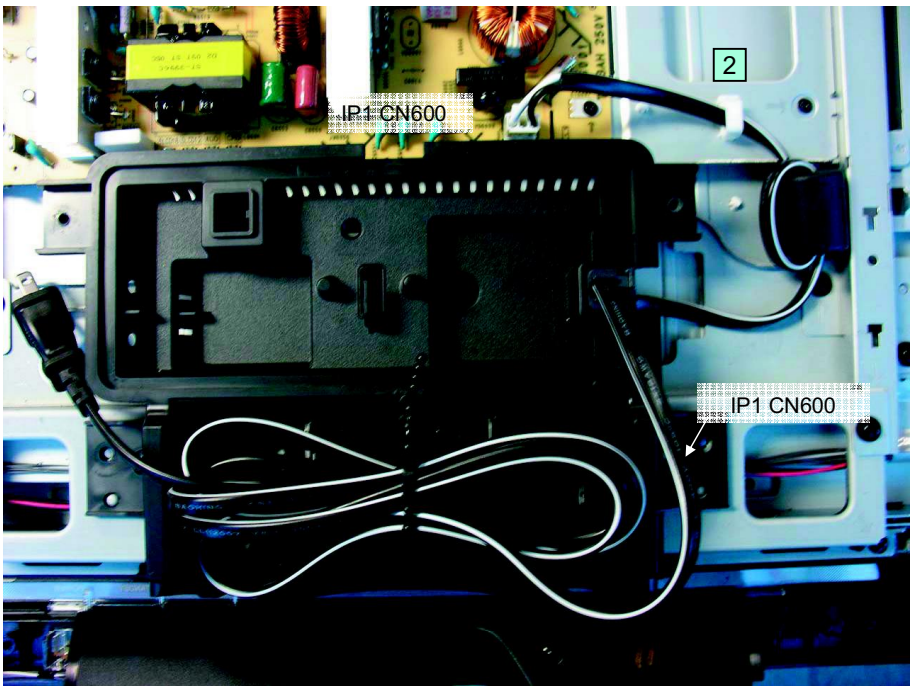
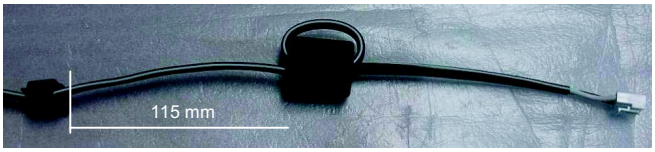
LEGEND

Qty	Description	Symbol in dressing document
2	T clamp	
1	Screw Clamp	
10	Tape(No.8915) 25mmx60mm	
1	Cofab tape	
1	Himelon	
1	Gasket	

AC cord → IP1/CN600



AC Holder position



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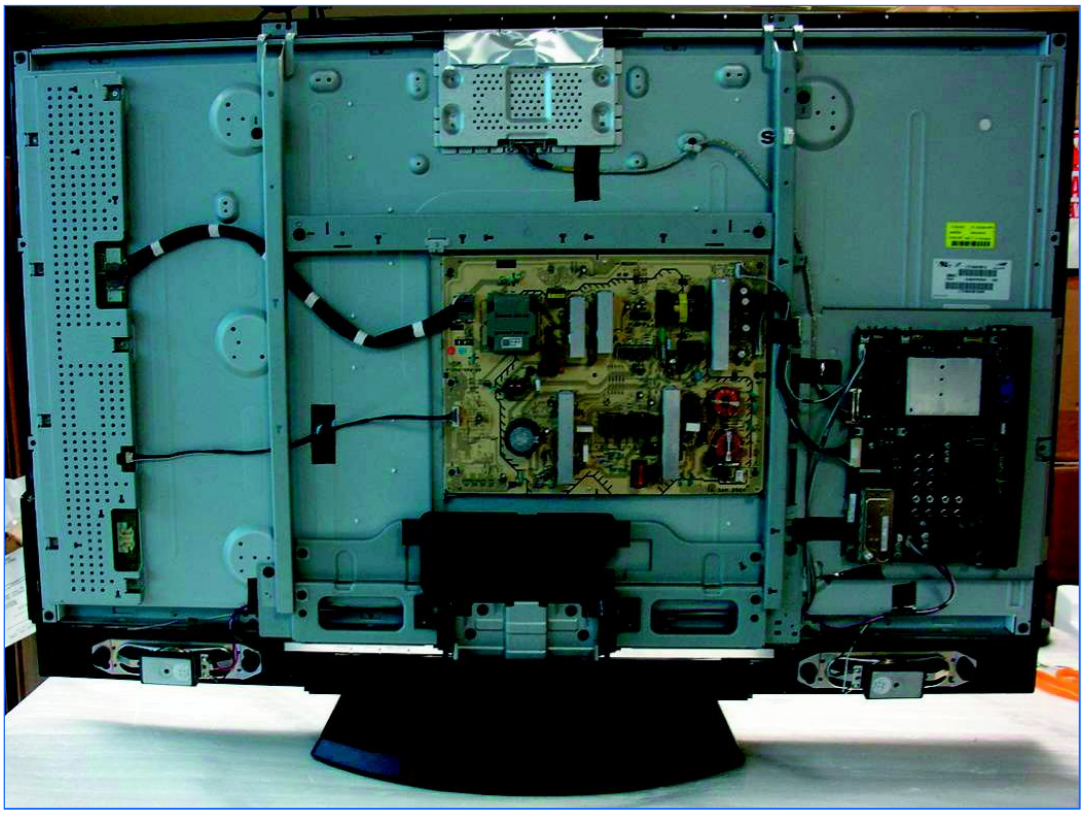
OVERALL ASSEMBLY



NOTE: THE TAPE COLOR ON THE LVDS CONNECTOR IS TO HELP DETERMINE THE CORRECT CONNECTION PLACEMENT

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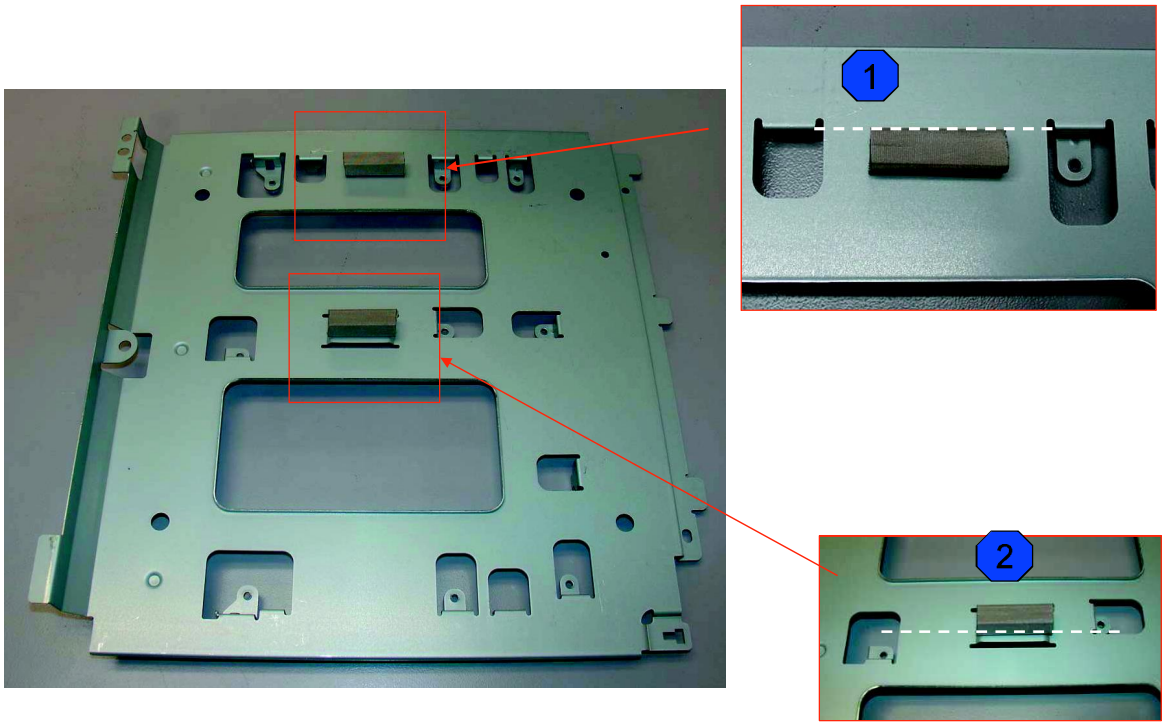
LEGEND

Qty	Description	Symbol in dressing document
2	T clamp	
1	Screw Clamp	
11	Tape(No.8915) 25mmx60mm	
1	Cofab tape	
2	Gasket	



INSERT THE GASKET OVER THE BACK SIDE OF THE MAIN BRACKET

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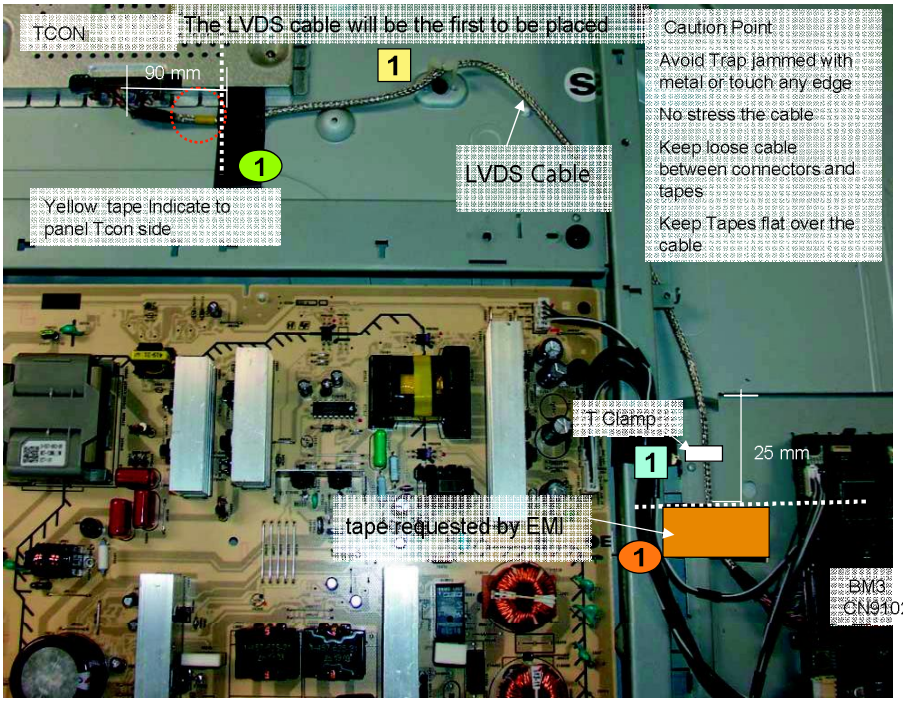
LEGEND

Qty	Description	Symbol in dressing document
2	T clamp	
1	Screw Clamp	
11	Tape(No.8915) 25mmx60mm	
1	Cofab tape	
2	Gasket	

LVDS Cable → TCON to BM3/CN9102



Indication :

- Connect LVDS cable
- Yellow tape ID to T Con and Other side to CN9102 (BM3).

-Insert Cable Clamp 1 and 1

- Add Tape 1 and 1

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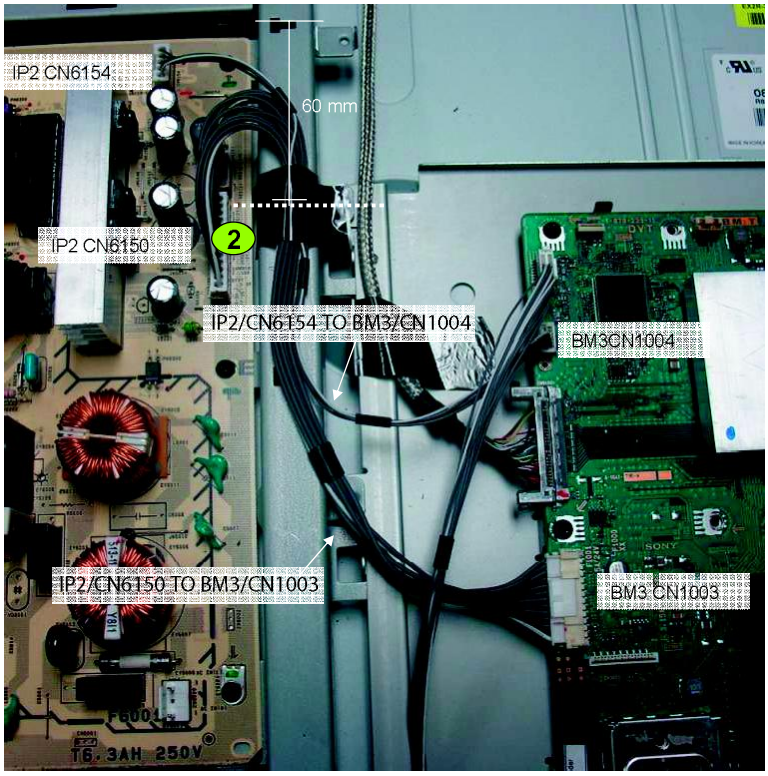
LEGEND

Qty	Description	Symbol in dressing document
2	T clamp	
1	Screw Clamp	
11	Tape(No.8915) 25mmx60mm	
1	Cofab tape	
2	Gasket	

Cable → from IP2CN6150 to BM3/CN1003
Cable → from IP2CN6154 to BM3/CN1004



Indication :

- Connect cables
-Add tape **2** over both cables, taking by reference the dash lines

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LEGEND

Qty	Description	Symbol in dressing document
2	T clamp	
1	Screw Clamp	
11	Tape(No.8915) 25mmx60mm	
1	Cofab tape	
2	Gasket	

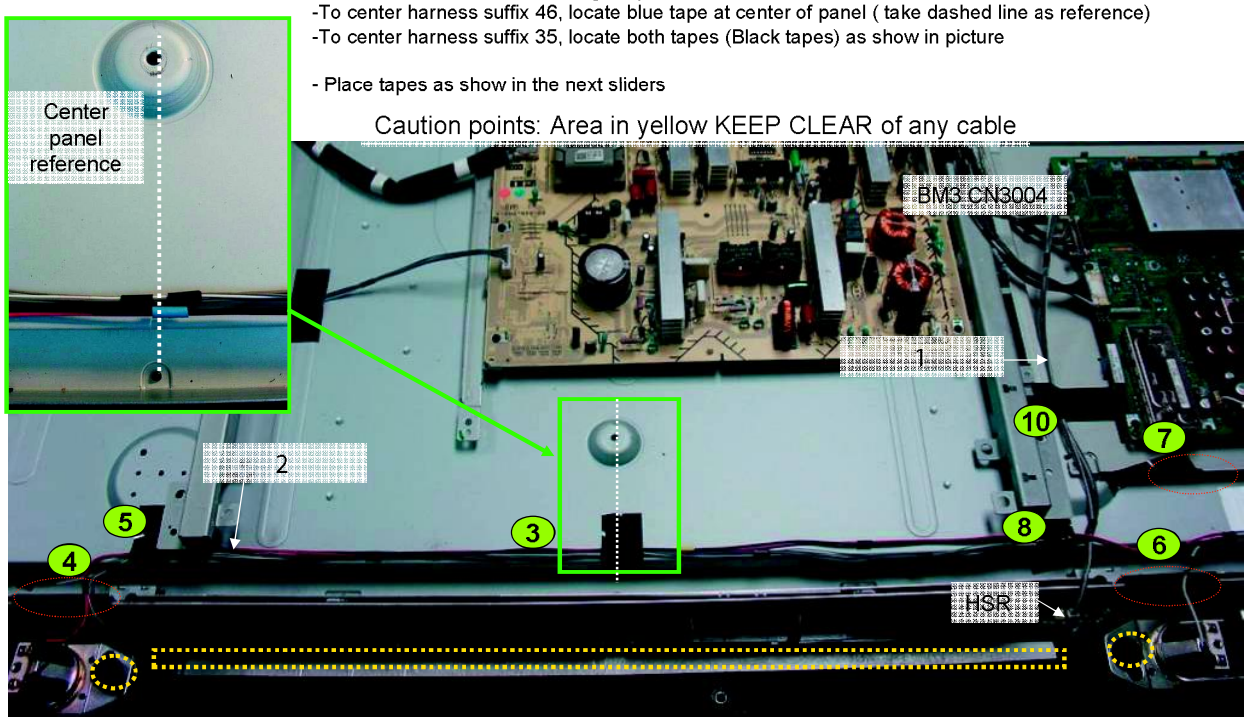
Cable → from BM3/CN3004 to HSR, HLR1 and Switch unit
Cable → from BM3/CN2000 to Speakers terminals

Indications:

1- Connect cable to H's Boards and Switch Unit
2 - Connect cable to left and right Speakers Terminal
-To center harness suffix 46, locate blue tape at center of panel (take dashed line as reference)
-To center harness suffix 35, locate both tapes (Black tapes) as show in picture

- Place tapes as show in the next sliders

Caution points: Area in yellow KEEP CLEAR of any cable



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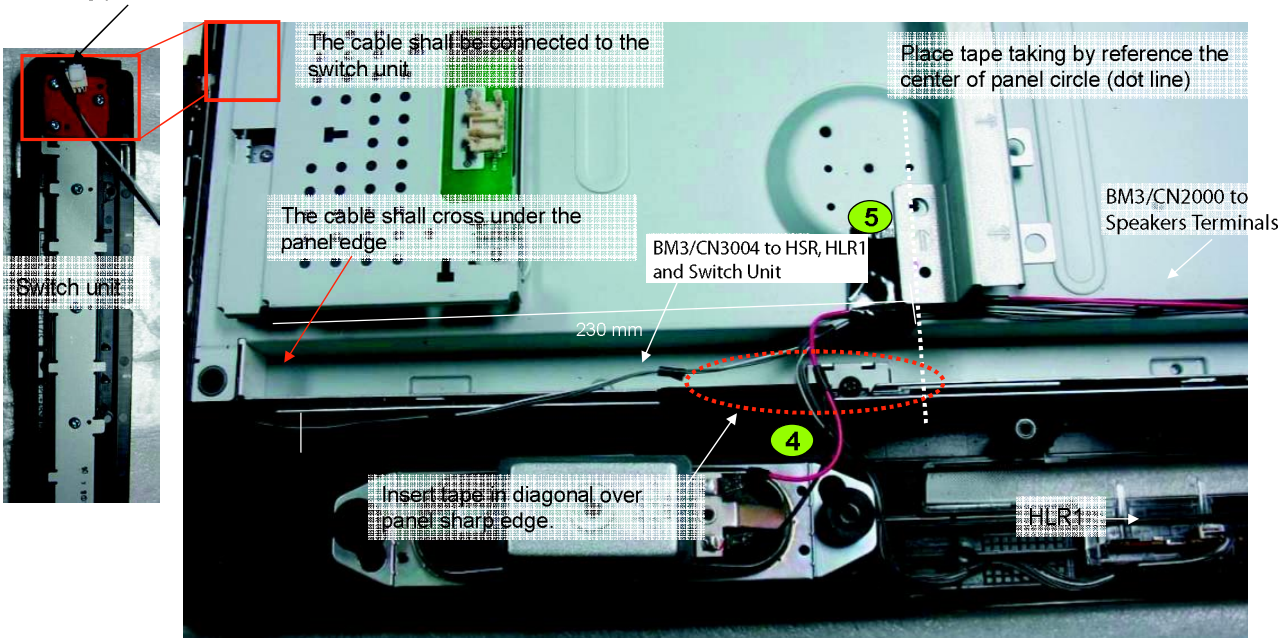
LEGEND

Qty	Description	Symbol in dressing document
2	T clamp	
1	Screw Clamp	
11	Tape(No.8915) 25mmx60mm	
1	Cofab tape	
2	Gasket	

Cable → from BM3/CN3004 to HSR, HLR1 and Switch unit
Cable → from BM3/CN2000 to Speakers terminals

Caution point: Don't stress the cable, while the switch unit is being placed


The cable shall be connected to the switch unit
Place tape taking by reference the center of panel circle (dot line)
Switch unit
The cable shall cross under the panel edge
BM3/CN3004 to HSR, HLR1 and Switch Unit
BM3/CN2000 to Speakers Terminals
5
290 mm
4
Insert tape in diagonal over panel sharp edge.
HLR1

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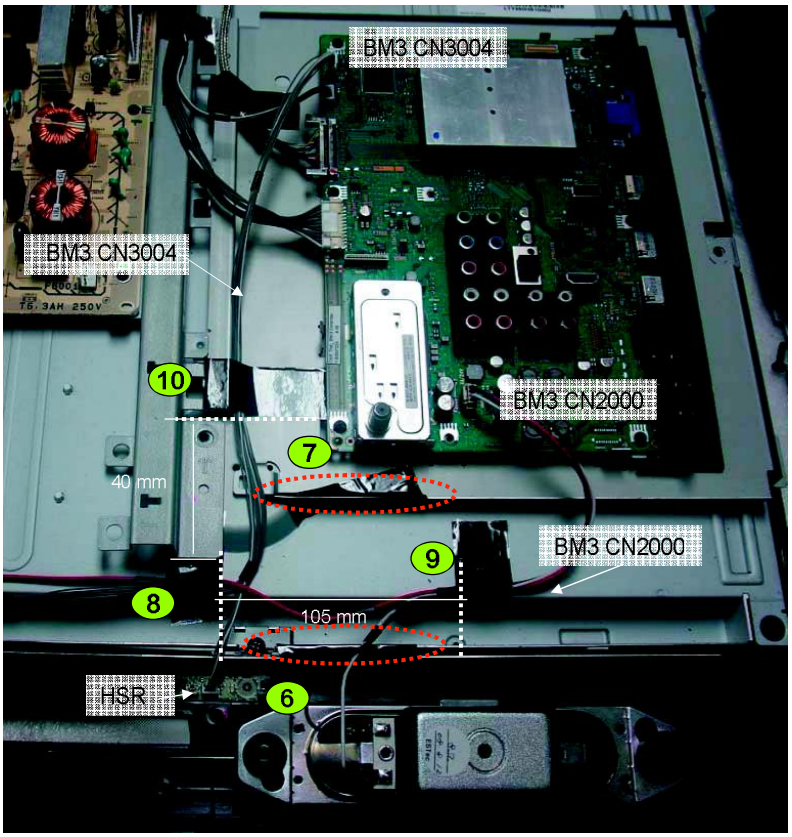
Cable → from BM3/CN3004 to HSR, HLR1 and Switch unit
Cable → from BM3/CN2000 to Speakers terminals



LEGEND

Qty	Description	Symbol in dressing document
2	T clamp	
1	Screw Clamp	
11	Tape(No.8915) 25mmx60mm	
1	Cofab tape	
2	Gasket	

Indications :

-Add tape **6** and **7** in diagonal over the panel and main bracket sharp edges

-Insert tape **8** to the left of the reference (dot line)

-Add tape **9** taking by reference the right side of the dash line

-Insert tape **10** on top of reference dash line

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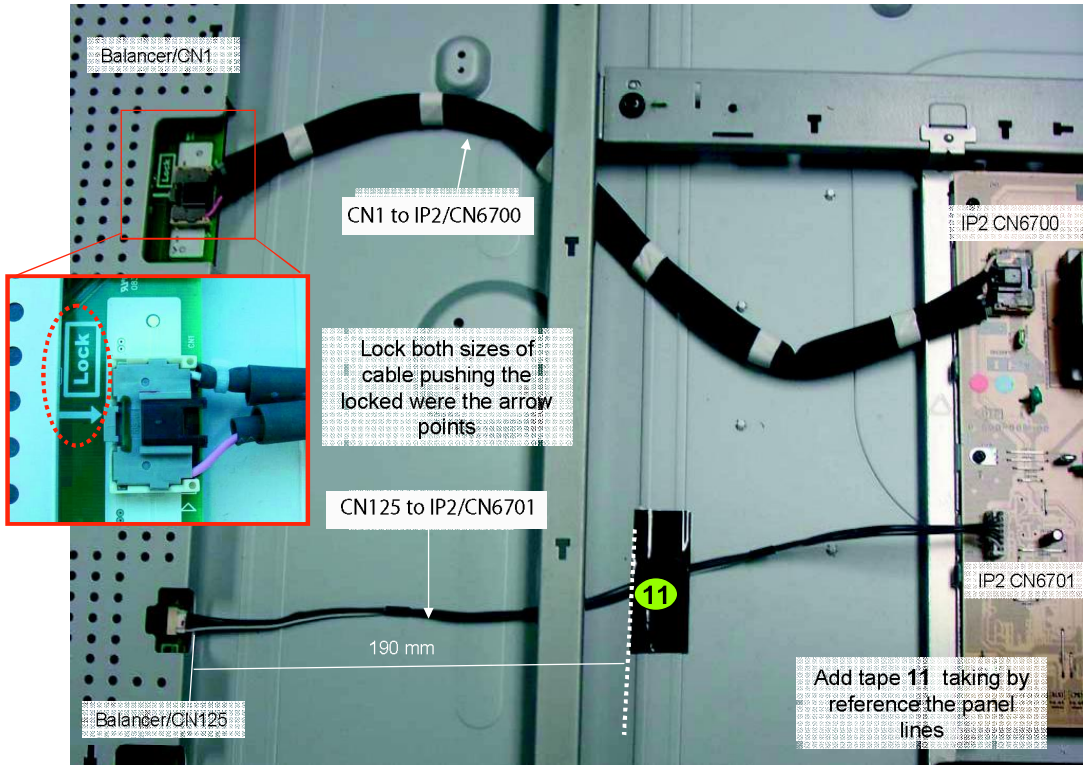
LEGEND

Qty	Description	Symbol in dressing document
2	T clamp	
1	Screw Clamp	
11	Tape(No.8915) 25mmx60mm	
1	Cofab tape	
2	Gasket	

Cable → from Balancer/CN1 to IP2/CN6700
Cable → from Balancer/CN125 to IP2/CN6701



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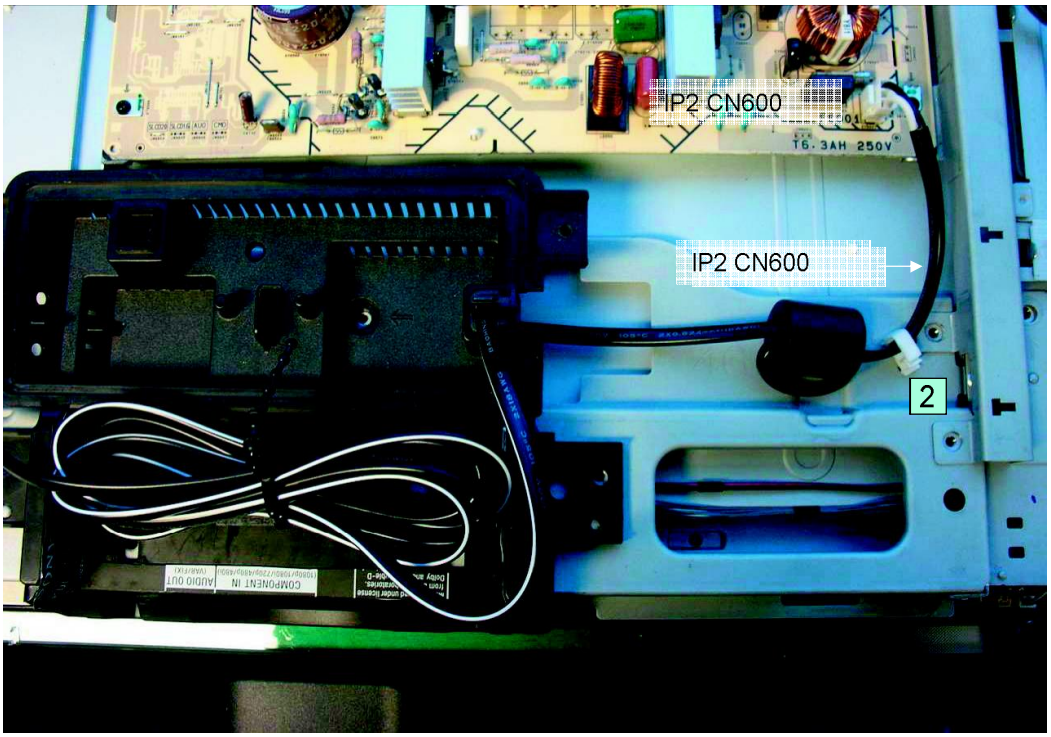
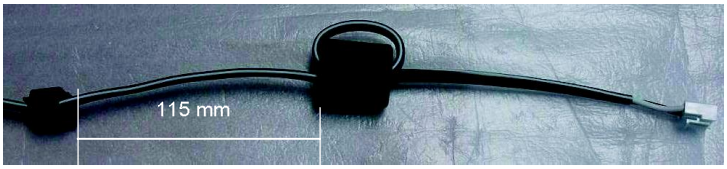
LEGEND

Qty	Description	Symbol in dressing document
2	T clamp	
1	Screw Clamp	
11	Tape(No.8915) 25mmx60mm	
1	Cofab tape	
2	Gasket	

AC cord → IP2/CN600





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SECTION 2: SERVICE ADJUSTMENTS

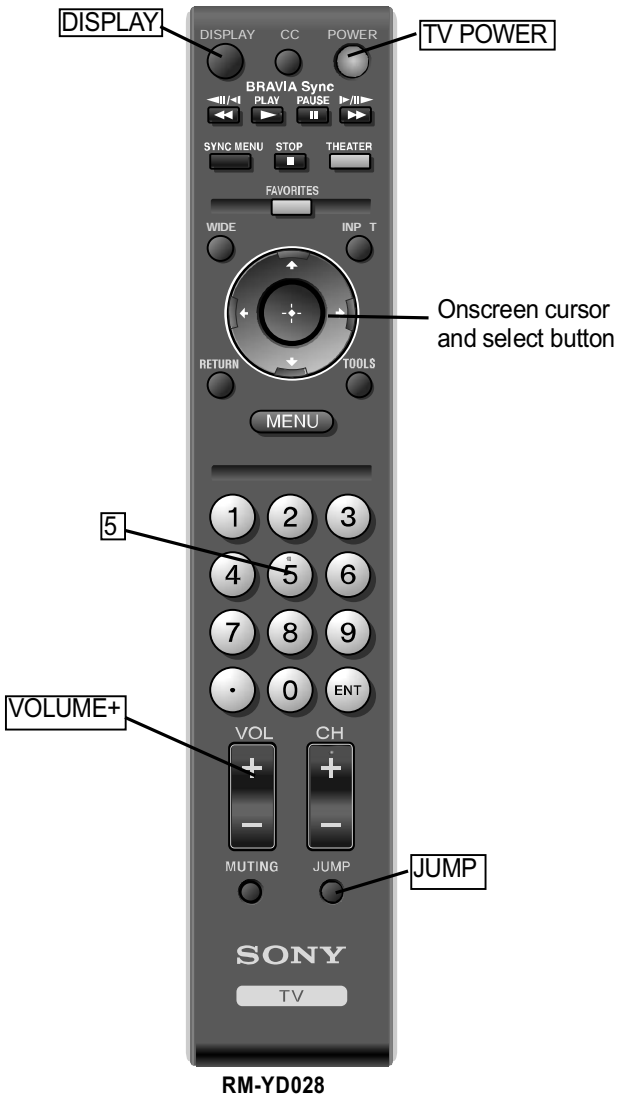
2-1. VIEWING SERVICE ADJUSTMENT DATA

There are no adjustments necessary for these models. All data has been set for optimal viewing for our customers. The following sections are for informational purposes only.

2-2. ACCESSING SERVICE MODE

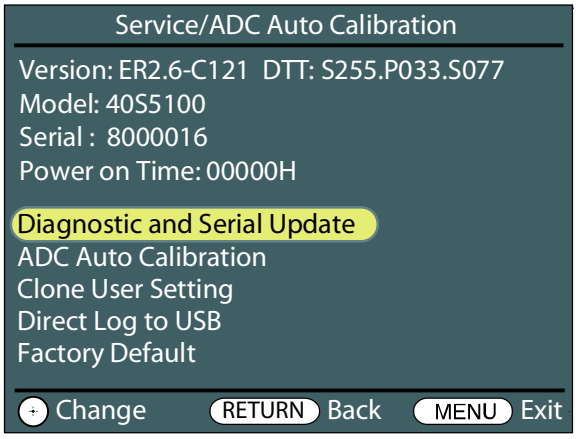
1. TV must be in standby mode. (Power off).
2. Press the following buttons on the Remote Commander within a second of each other:

DISPLAY → Channel 5 → Volume + → POWER.



RM-YD028

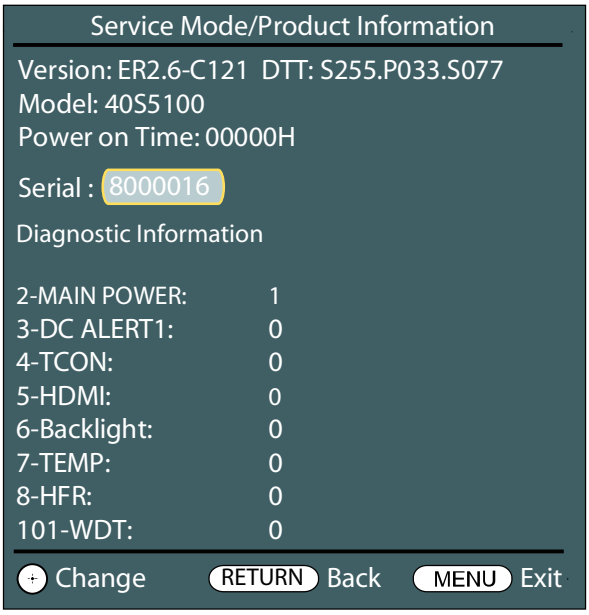
The BRAVIA logo displays momentarily, then the Service Mode list displays.



2-2-1. ENTERING THE SERIAL NUMBER AFTER CHANGING THE MAIN BOARD

Use the following instructions to re-enter the Serial Number of the TV after replacing the Main (BM3) Board.

1. After accessing service mode, press ⊕ to display the Self Diagnostic list.



2. To change the serial number field, press ⊕ then using the number keys on the remote enter the Serial Number of the TV.
3. To save the Serial Number, press ⊕.
4. To exit Service Mode, press MENU.

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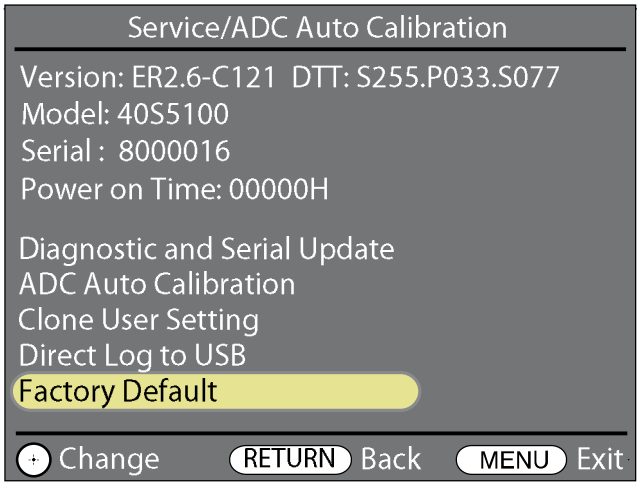
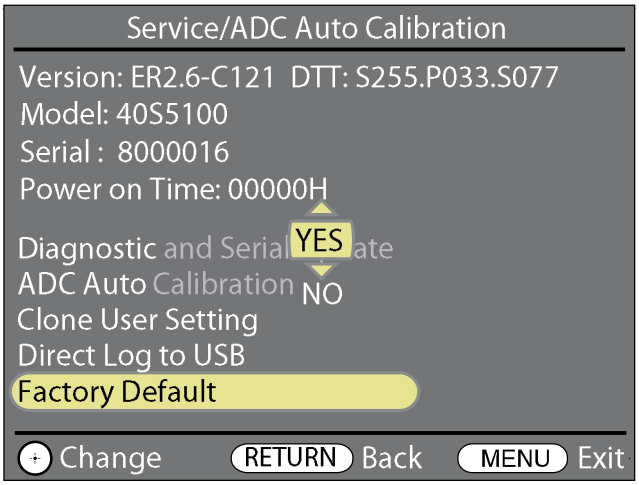
2-2-2. RESETTING TO FACTORY DEFAULTS

1. After accessing service mode, press the button to highlight Factory Default, then press .





2. To reset to Factory Defaults, press then follow the on-screen instructions.
3. After selecting the language preference the on-screen display indicates to "select the type of use for this TV." **Home must be selected for optimal picture performance in the customers home**.
4. Continue following the on-screen instructions.

NOTE: All other Service Mode information listed, ADC Auto Calibration, Clone User Setting, and Direct Log to USB will be reviewed in the Training Manual for these models.

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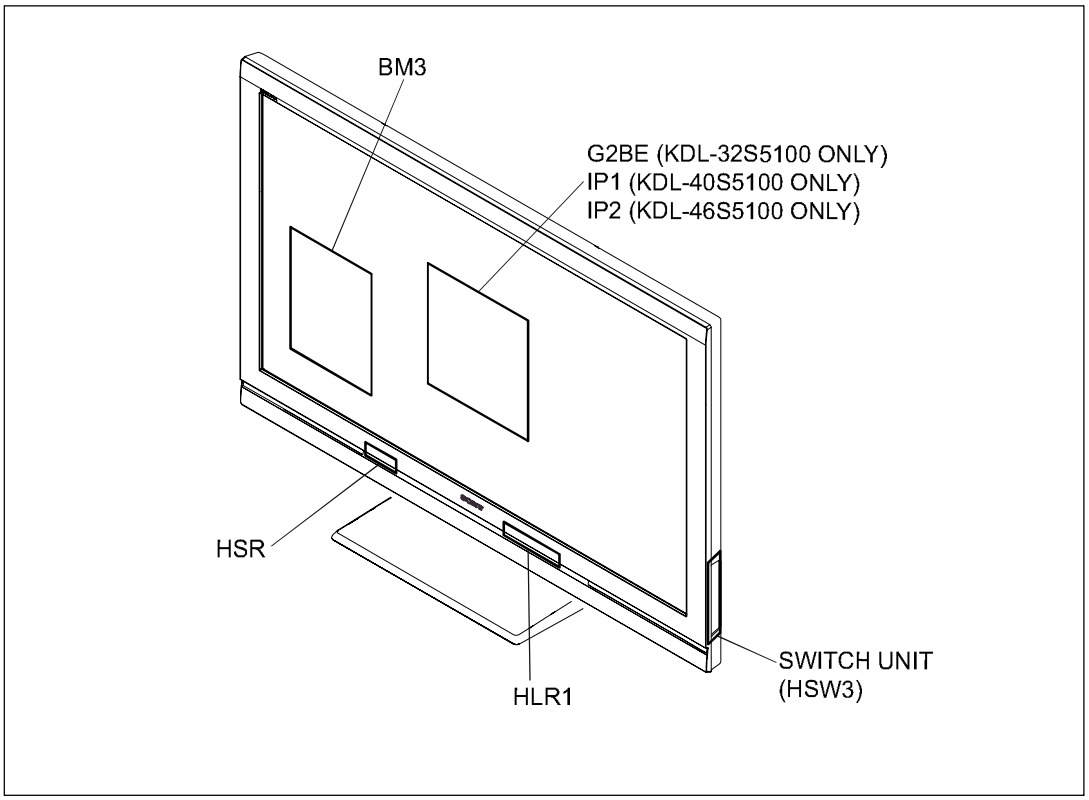
SECTION 3: DIAGRAMS

3-1. CIRCUIT BOARDS LOCATION



3-2. PRINTED WIRING BOARDS AND SCHEMATIC DIAGRAMS INFORMATION

All capacitors are in µF unless otherwise noted. pF : µµF 50WV or less are not indicated except for electrolytics and tantalums.

All electrolytics are in 50V unless otherwise specified.

All resistors are in ohms. kΩ=1000Ω, MΩ=1000kΩ

Indication of resistance, which does not have one for rating electrical power, is as follows: Pitch : 5mm
Rating electrical power : $^{1}/_{4}$ W

$^{1}/_{4}$ W in resistance, $^{1}/_{10}$ W and $^{1}/_{16}$ W in chip resistance.

: nonflammable resistor

: fusible resistor

: internal component

: panel designation and adjustment for repair

: earth ground

: earth-chassis

All variable and adjustable resistors have characteristic curve B, unless otherwise noted.

Readings are taken with a color-bar signal input.

Readings are taken with a 10MΩ digital multimeter.

Voltages are DC with respect to ground unless otherwise noted.

Voltage variations may be noted due to normal production tolerances.

All voltages are in V.

S : Measurement impossibility.

: B+line.

: B-line. (Actual measured value may be different).

: signal path. (RF)

Circled numbers are waveform references.

The components identified by shading and ⚠ symbol are critical for safety. Replace only with part number specified.

The symbol indicates a fast operating fuse and is displayed on the component side of the board. Replace only with fuse of the same rating as marked.

Les composants identifies per un trame et une marque ⚠ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

Le symbole indique une fusible a action rapide. Doit etre remplace par une fusible de meme yaleur, comme maque.

NOTE: The components identified by a red outline and a mark contain confidential information. Specific instructions must be adhered to whenever these components are repaired and/or replaced.
See Appendix A: Encryption Key Components in the back of this manual.

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REFERENCE INFORMATION

RESISTOR
: RN METAL FILM
: RC SOLID
: FPRD NONFLAMMABLE CARBON
: FUSE NONFLAMMABLE FUSIBLE
: RW NONFLAMMABLE WIREWOUND
: RS NONFLAMMABLE METAL OXIDE
: RB NONFLAMMABLE CEMENT
: ※ ADJUSTMENT RESISTOR

COIL
: LF-8L MICRO INDUCTOR

CAPACITOR
: TA TANTALUM
: PS STYROL
: PP POLYPROPYLENE
: PT MYLAR
: MPS METALIZED POLYESTER
: MPP METALIZED POLYPROPYLENE
: ALB BIPOLAR
: ALT HIGH TEMPERATURE
: ALR HIGH RIPPLE

Terminal name of semiconductors in silk screen printed circuit (※)

	Device	Printed symbol	Terminal name	Circuit
1	Transistor		Collector / Base Emitter	
2	Transistor		Collector / Base Emitter	
3	Diode		Cathode / Anode	
4	Diode		Cathode / Anode (NC)	
5	Diode		Cathode / Anode (NC)	
6	Diode		Common / Anode Cathode	
7	Diode		Common / Anode Cathode	
8	Diode		Common / Anode Anode	
9	Diode		Common / Anode Anode	
0	Diode		Common / Cathode Cathode	
¡	Diode		Common / Cathode Cathode	
™	Diode		Anode Anode Cathode / Cathode Anode Anode	
£	Transistor (FET)		Drain / Source Gate	
¢	Transistor (FET)		Drain / Source Gate	
?	Transistor (FET)		Source Drain Gate	
§	Transistor		Emitter Collector Base	
¶	Transistor		C2 B1 E1 / E2 B2 C1	
•	Transistor		C1 B2 E2 / E1 B1 C2	
ª	Transistor		C1 B2 E2 / E1 B1 C2	
º	Transistor		C1 B2 E2 / E1 B1 C2	
¡	Transistor		E2 B1 E1 / C2 C1(B2)	
™	Transistor		(B2) B1 E1 E2 / C1 C2	
£	Transistor		(B2) E2 E1 B1 / C2 C1	
–	Discrete semiconductot			

(Chip semiconductors that are not actually used are included.)

Ver.1.6

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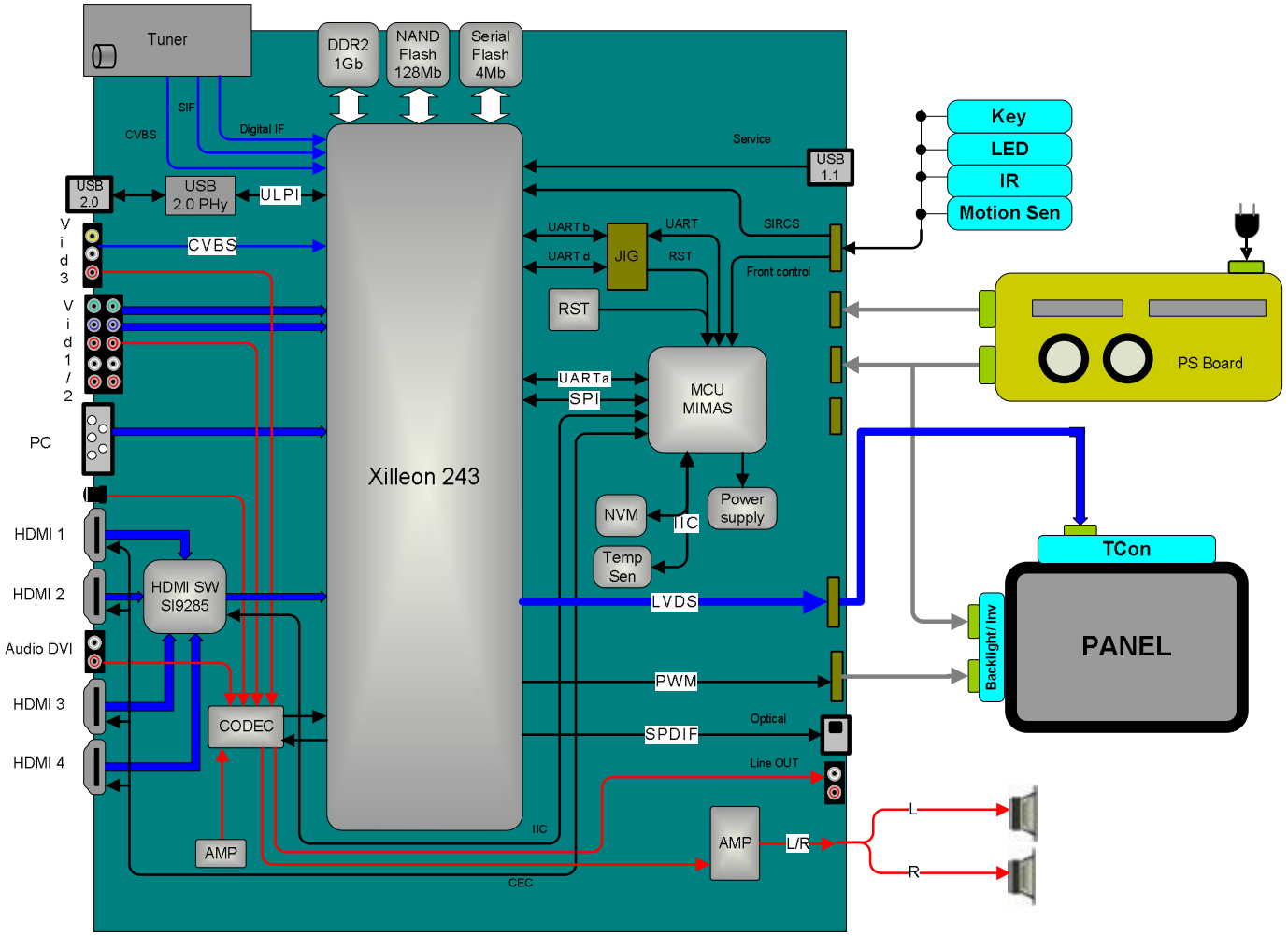
3-3. BLOCK DIAGRAM



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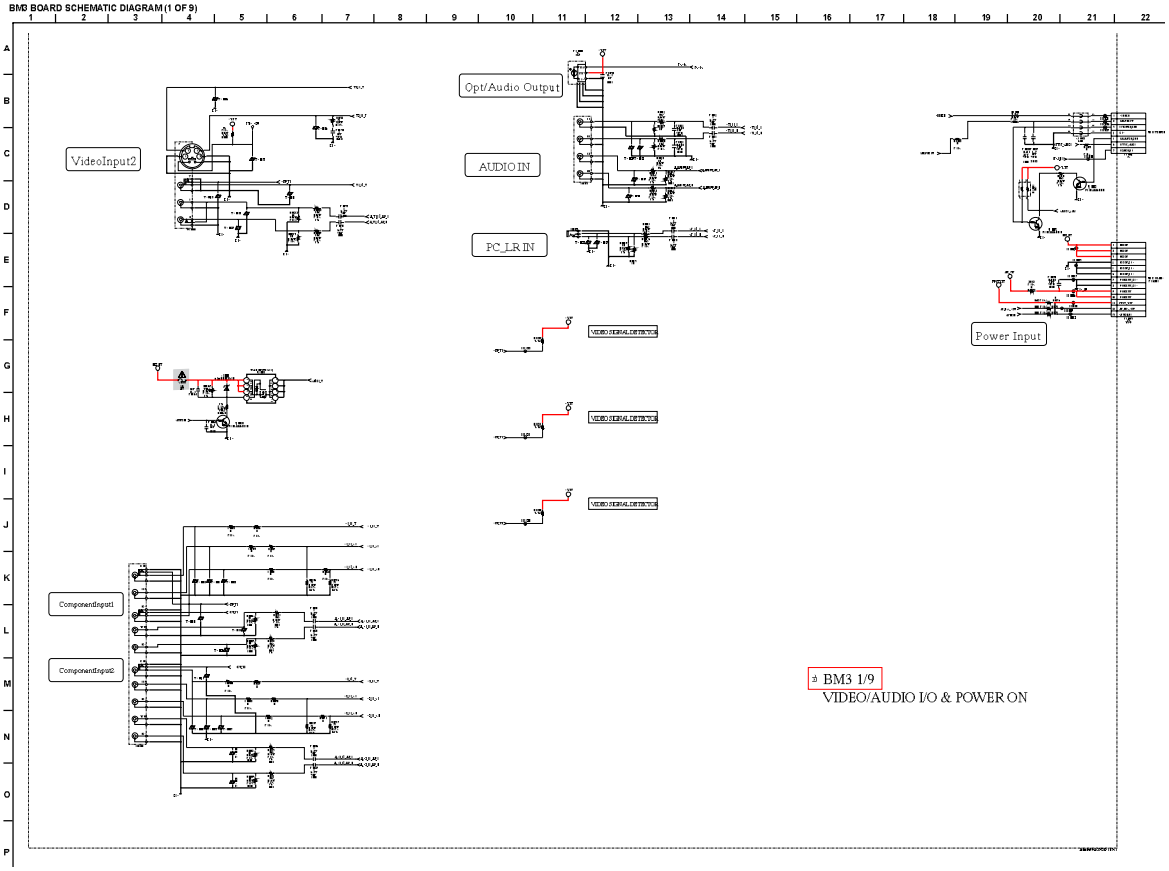
3-4. SCHEMATICS AND SUPPORTING INFORMATION

BM3 BOARD SCHEMATIC DIAGRAM (1 OF 9)



3 BM3 1/9
VIDEO/AUDIO I/O & POWER ON

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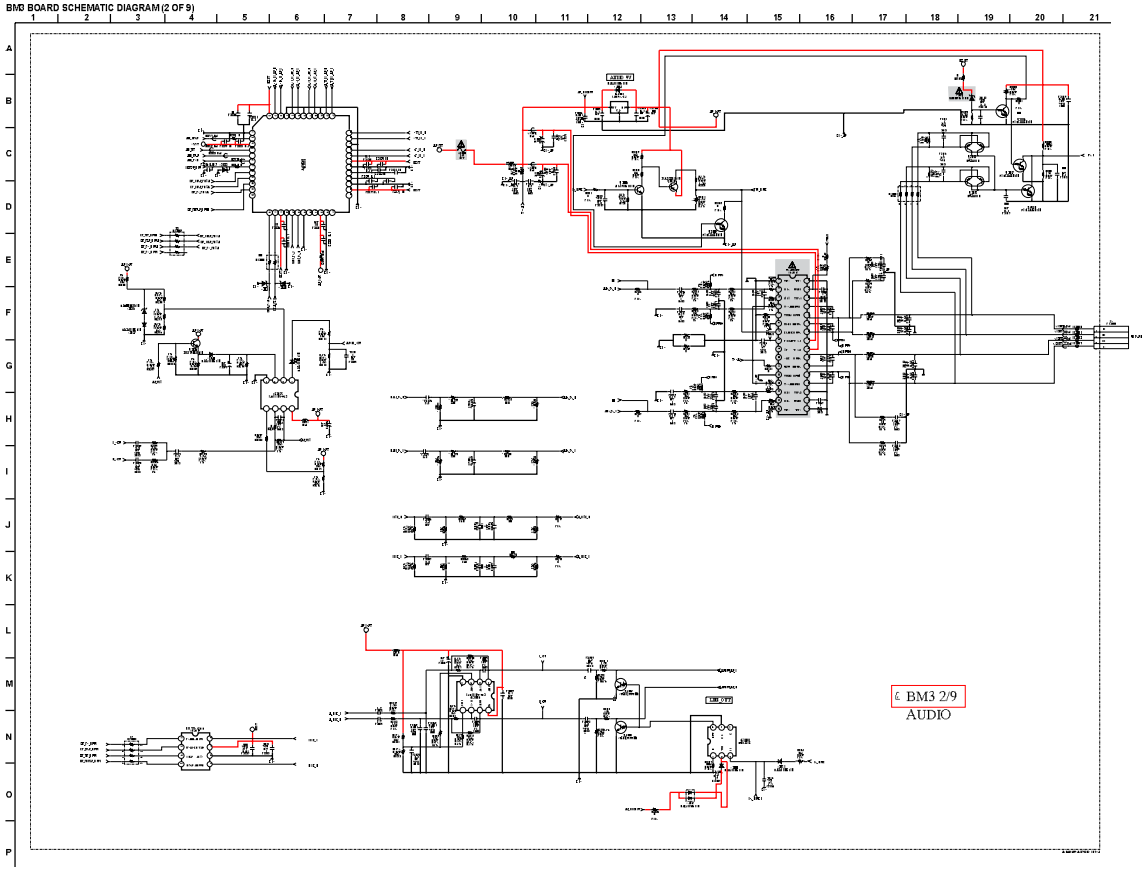
BMB BOARD SCHEMATIC DIAGRAM (2 OF 9)



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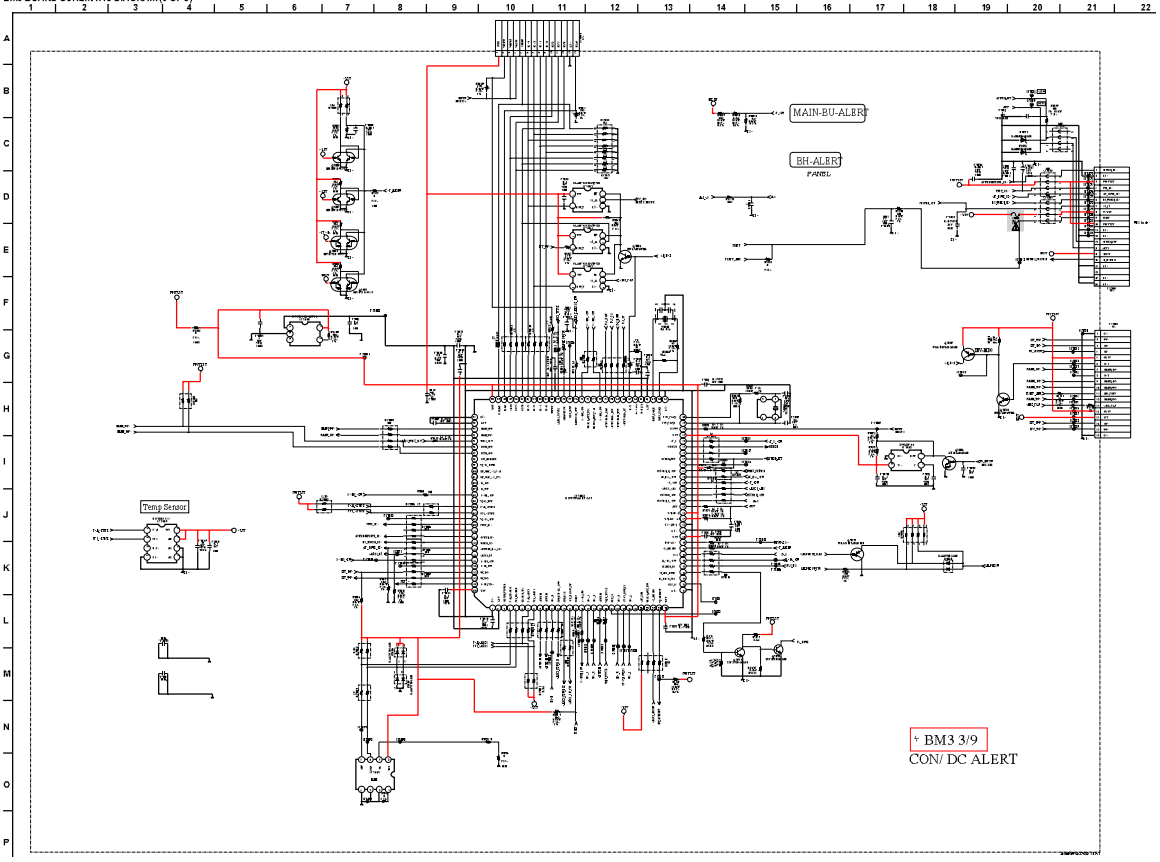
BM3 BOARD SCHEMATIC DIAGRAM (3 OF 9)



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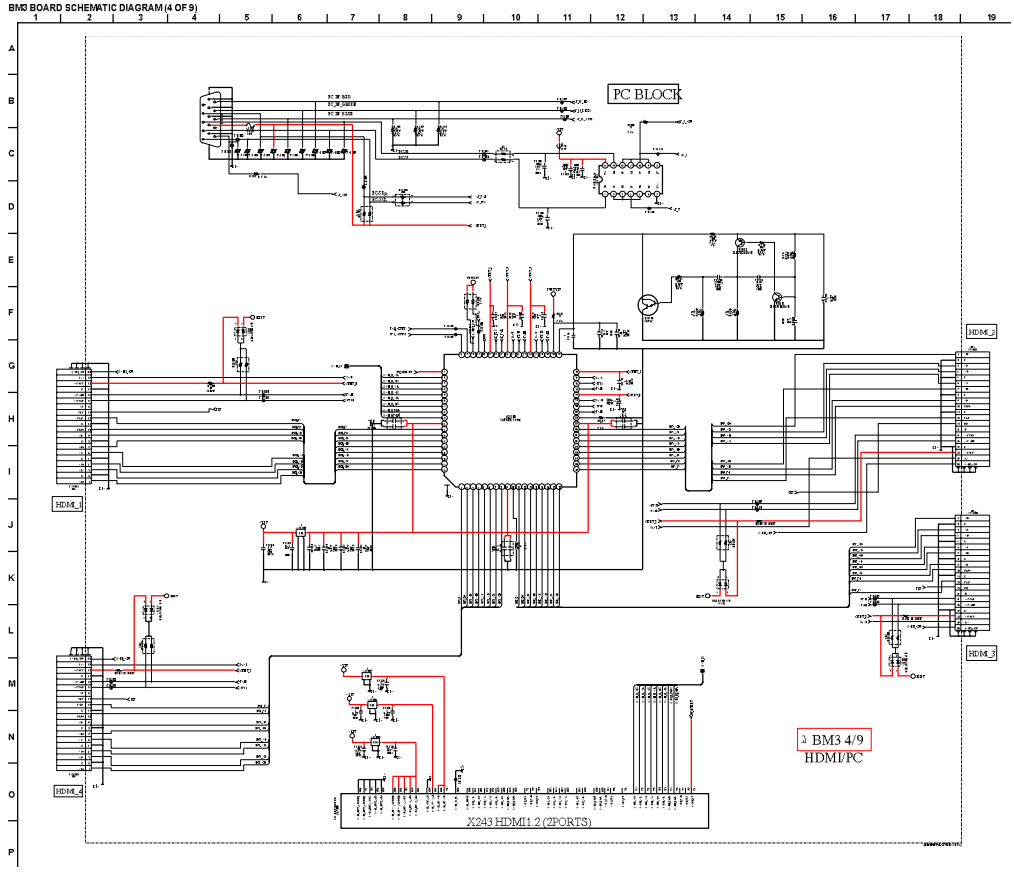
BM3 BOARD SCHEMATIC DIAGRAM (4 OF 9)



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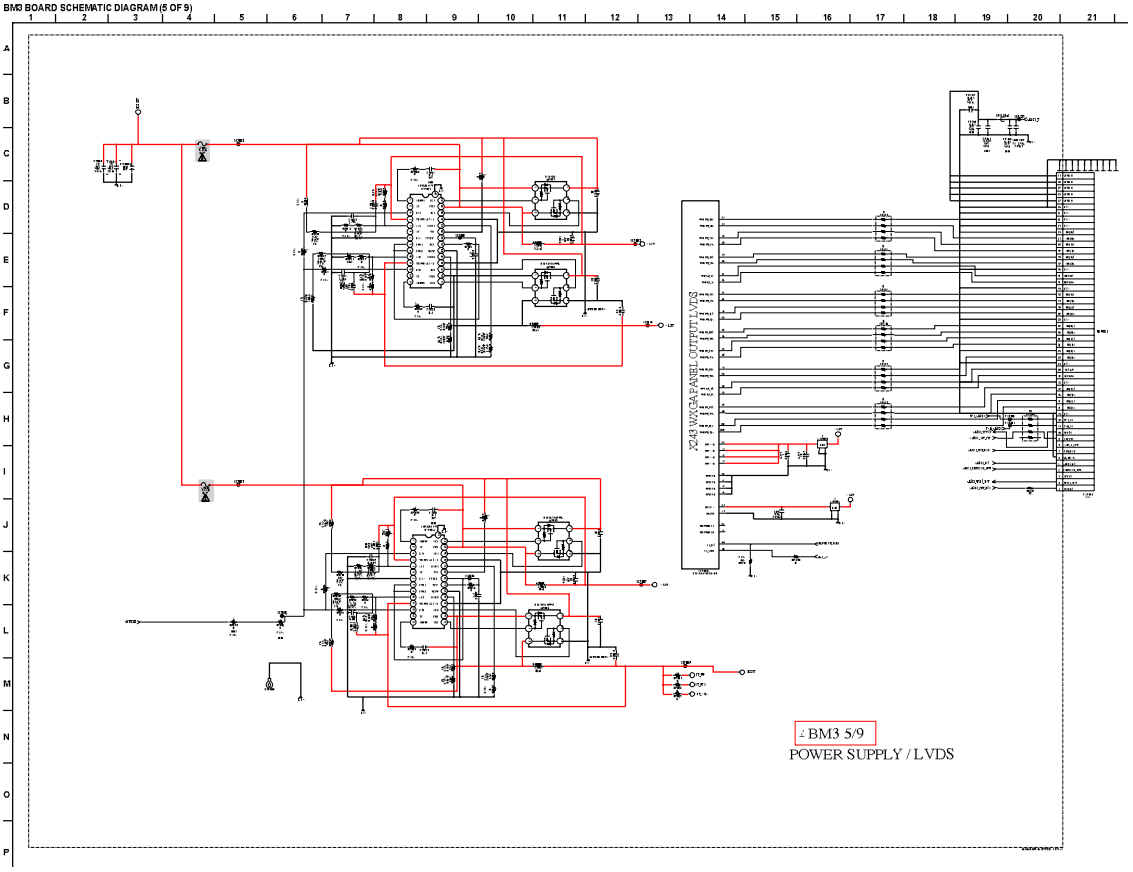
BM3 BOARD SCHEMATIC DIAGRAM (5 OF 9)



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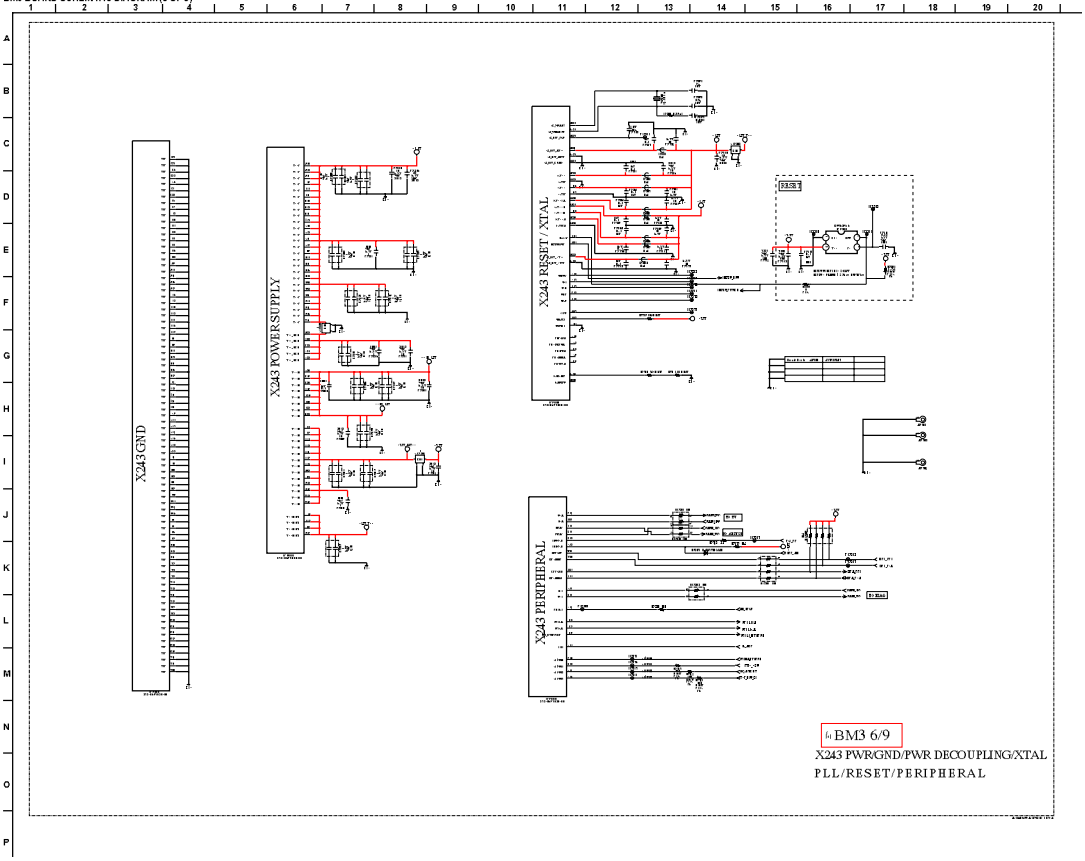
BM3 BOARD SCHEMATIC DIAGRAM (6 OF 9)



BM3 6/9
X243 PWR/GND/PWR DECOUPLING/XTAL
PLL/RESET/PERIPHERAL

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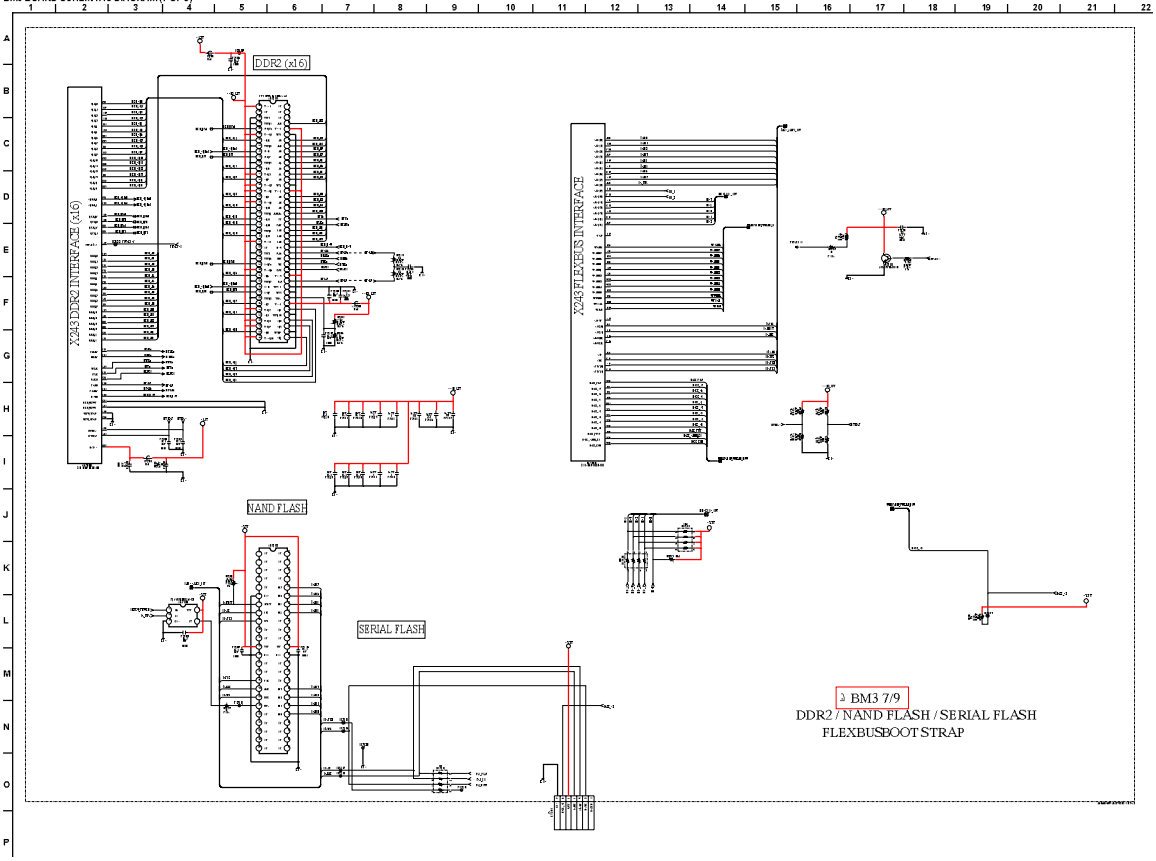
BM3 BOARD SCHEMATIC DIAGRAM (7 OF 9)



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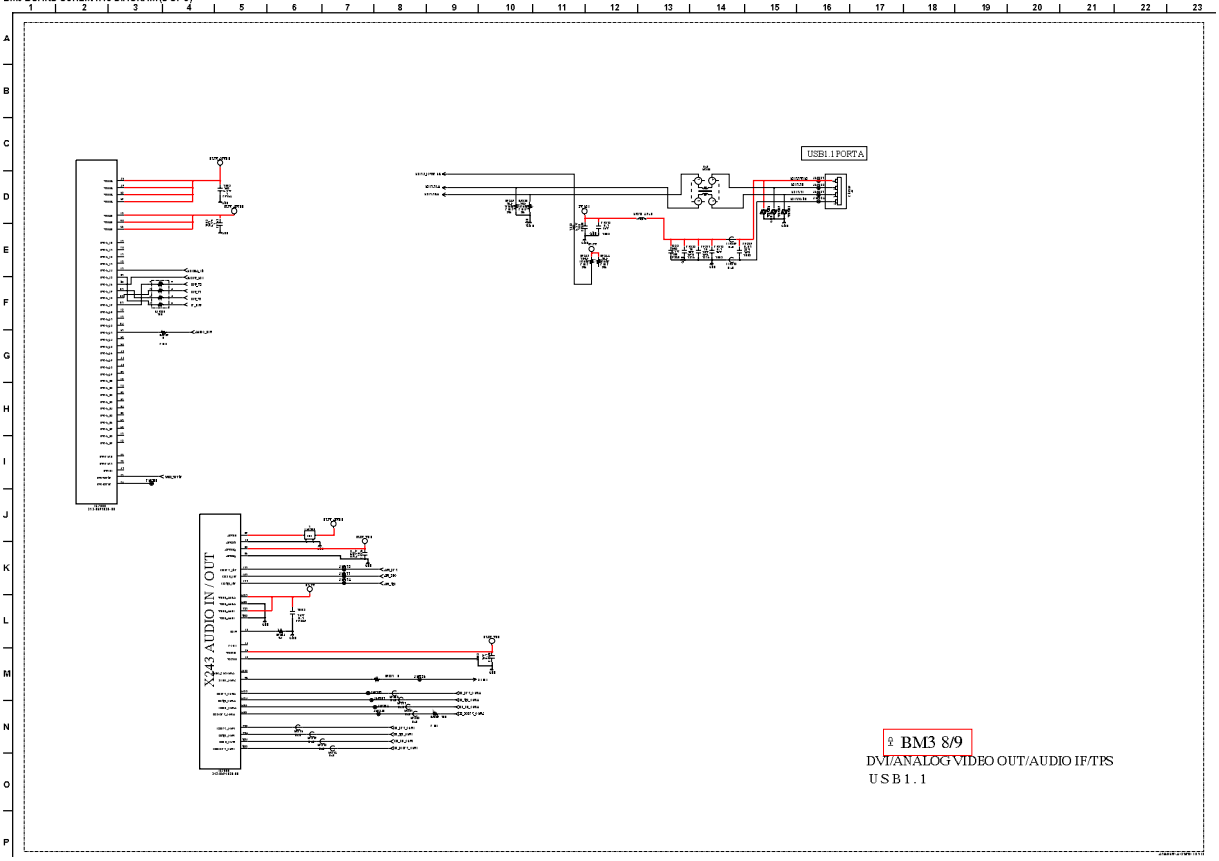
BM3 BOARD SCHEMATIC DIAGRAM (8 OF 9)



♀ BM3 8/9
DVI/ANALOG VIDEO OUT/AUDIO IF/TPS
U S B 1 . 1

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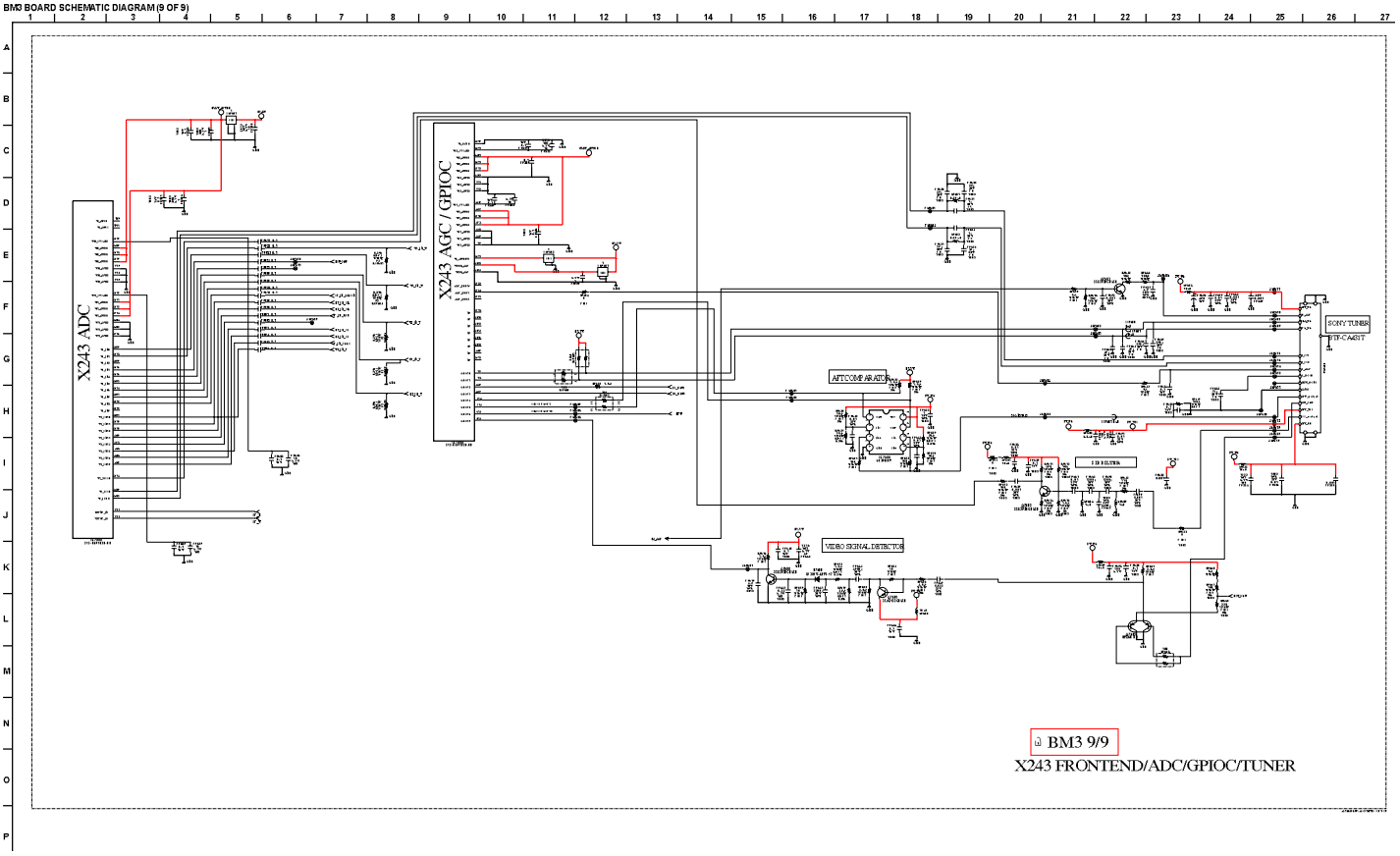
BM3 BOARD SCHEMATIC DIAGRAM (9 OF 9)



BM3 9/9
X243 FRONTEND/ADC/GPIOC/TUNER

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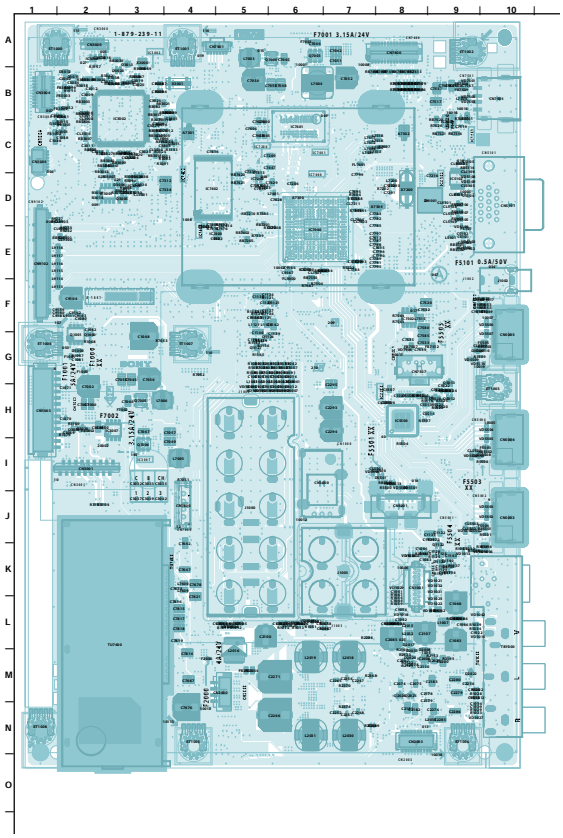
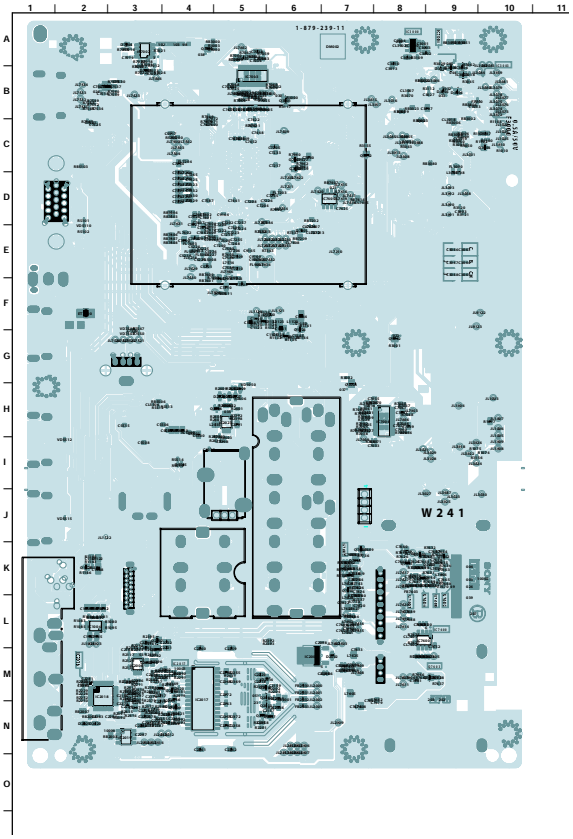
BM3

[VIDEO/AUDIO I/O & POWER ON, AUDIO, CON/DC ALERT, HDMI/PC, POWER SUPPLY/LVDS, X243 PWR/GND/PWR DECOUPLING/XTAL, PL LRESET/PERIPHERAL, DDR2/NAND FLASH/SERIAL FLASH, FLEXBUS/BOOT STRAP, DVI/ANALOG VIDEO OUT/AUDIO IF/TPS, USB 1.1, X343 FRONTEND/ADC/GPIO/C.TUNER]

COMPONENT SIDE



CONDUCTOR SIDE



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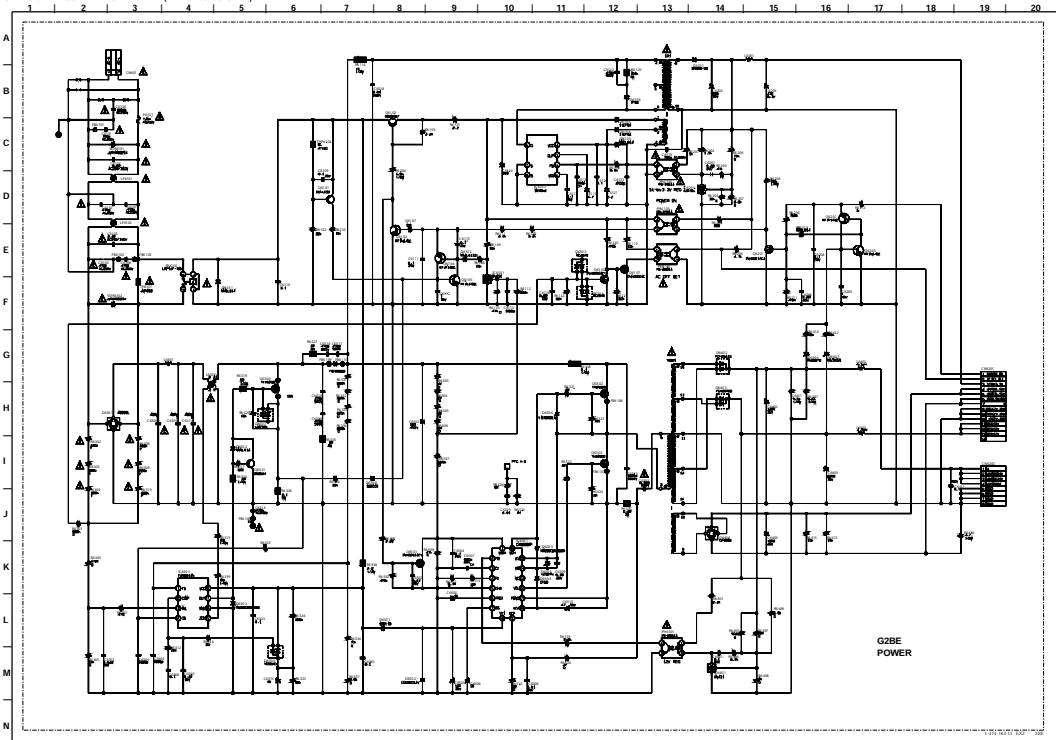
G2BE BOARD SCHEMATIC DIAGRAM (KDL-32S5100 ONLY)



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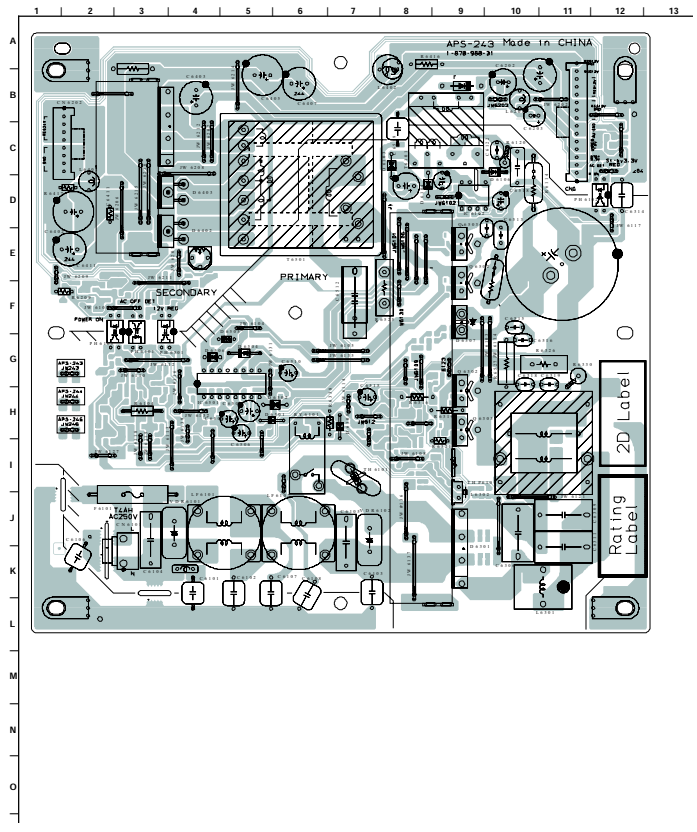
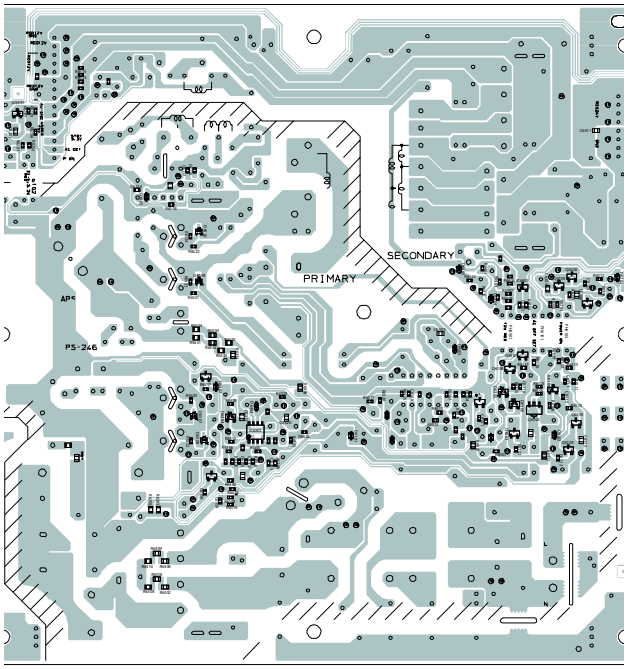
G2BE [POWER]
COMPONENT SIDE (KDL-32S5100 ONLY)



G2BE [POWER]
CONDUCTOR SIDE (KDL-32S5100 ONLY)



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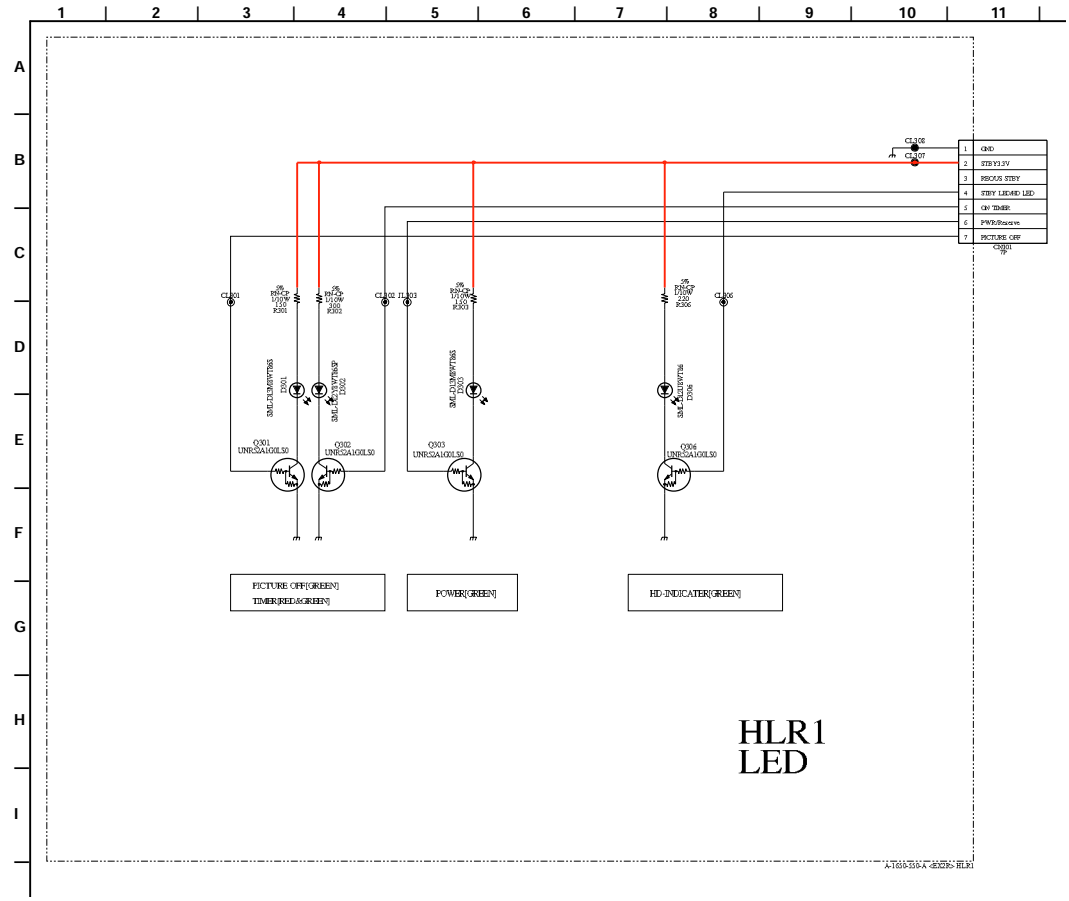
HLR1 BOARD SCHEMATIC DIAGRAM



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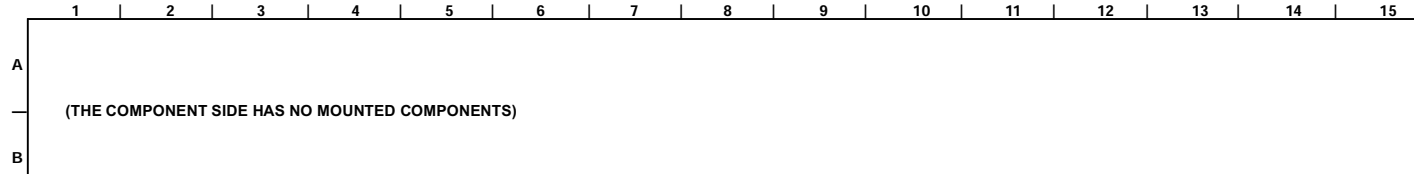
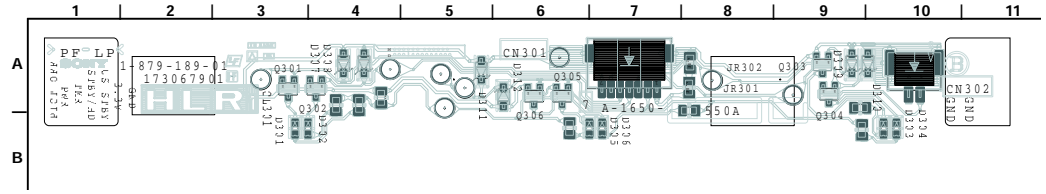
HLR1 [LED]

COMPONENT SIDE



HLR1 [LED]

CONDUCTOR SIDE



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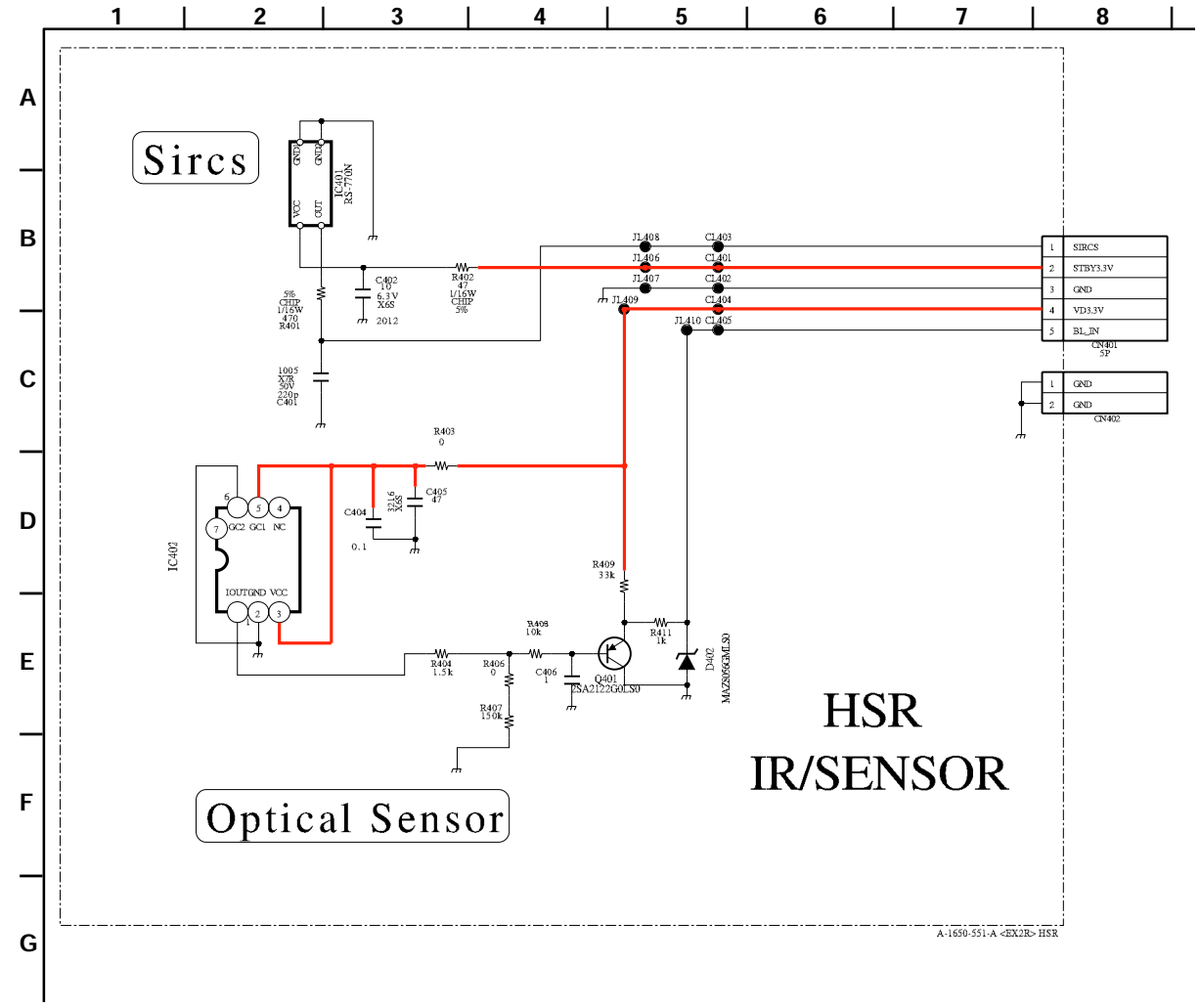
HSR BOARD SCHEMATIC DIAGRAM



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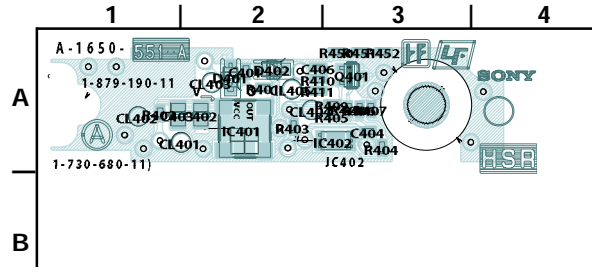
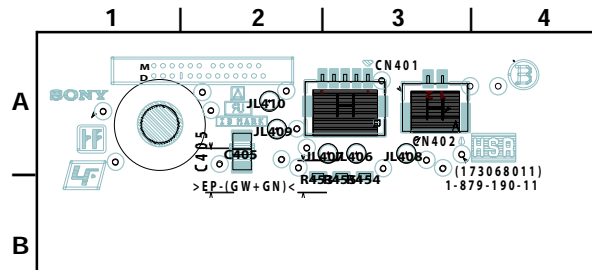
HSR [IR/SENSOR]
COMPONENT SIDE



HSR [IR/SENSOR]
CONDUCTOR SIDE



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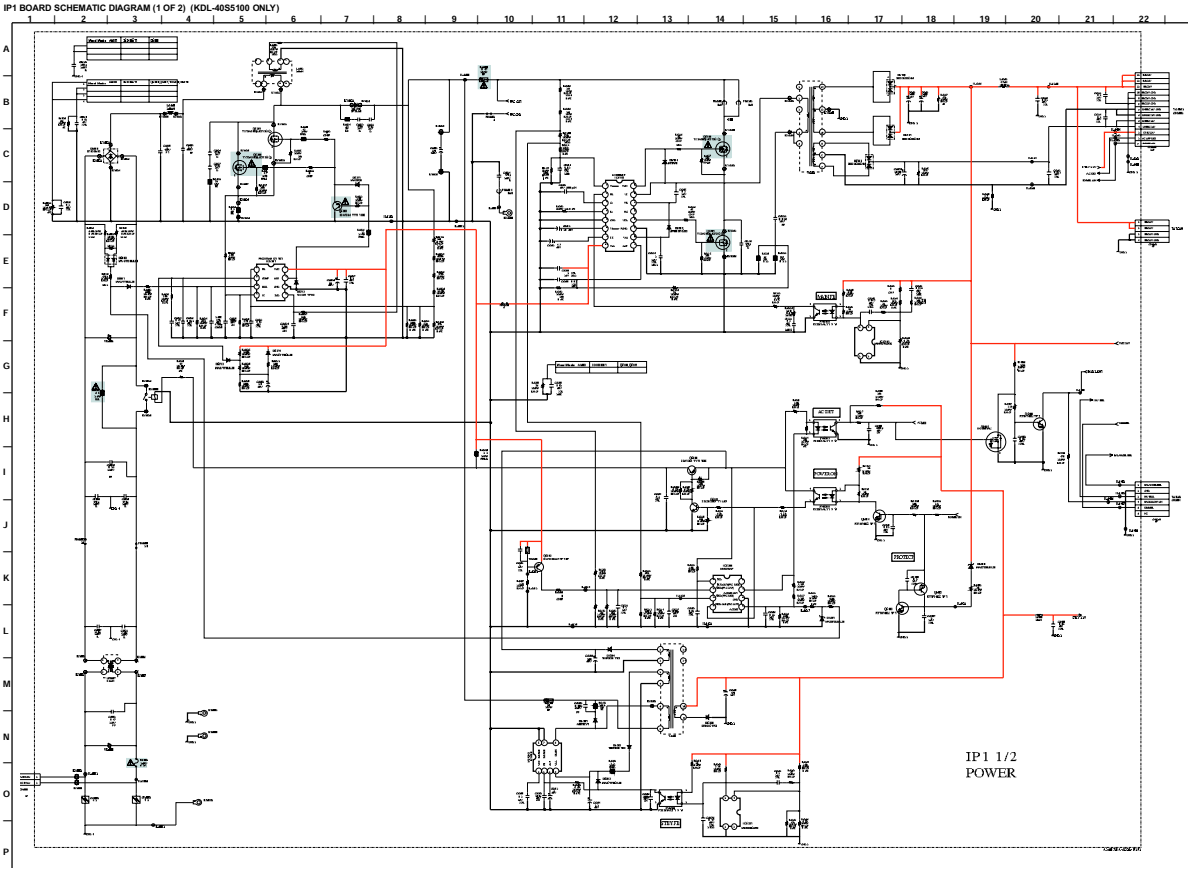
IP1 BOARD SCHEMATIC DIAGRAM (1 OF 2) (KDL-40S5100 ONLY)



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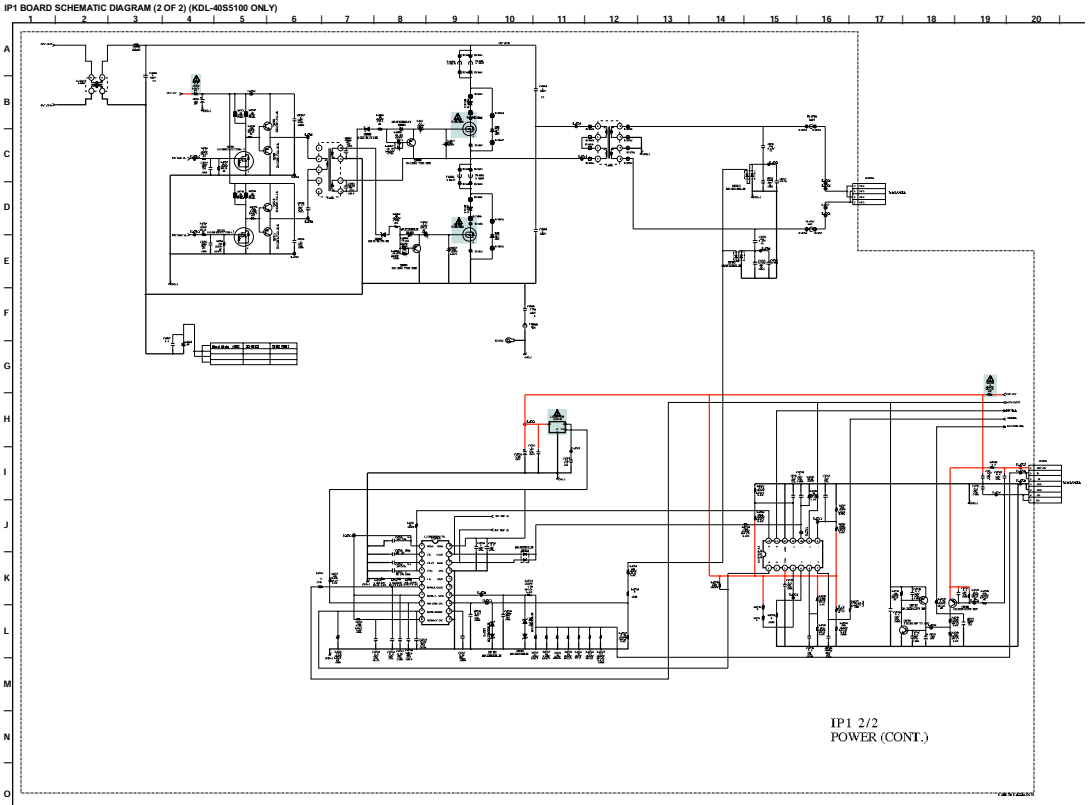
IP1 BOARD SCHEMATIC DIAGRAM (2 OF 2) (KDL-40S5100 ONLY)



IP1 2/2
POWER (CONT.)

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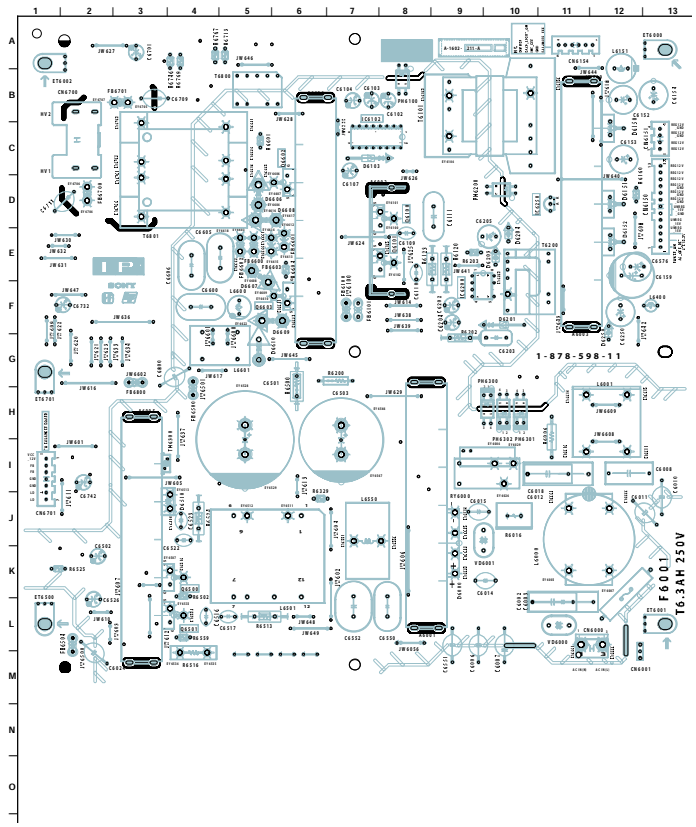
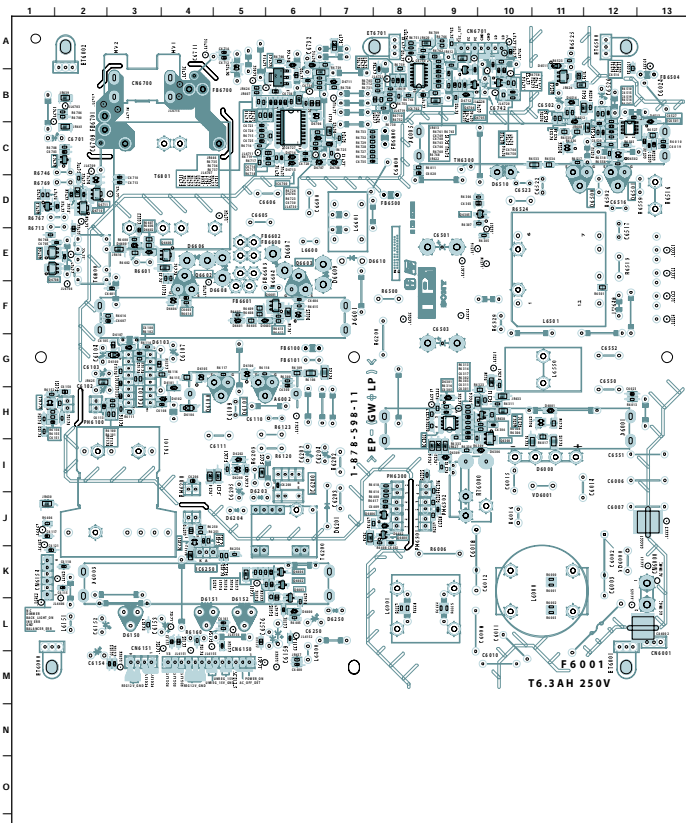
IP1 [POWER] COMPONENT SIDE (KDL-40S5100 ONLY)



IP1 [POWER] CONDUCTOR SIDE (KDL-40S5100 ONLY)



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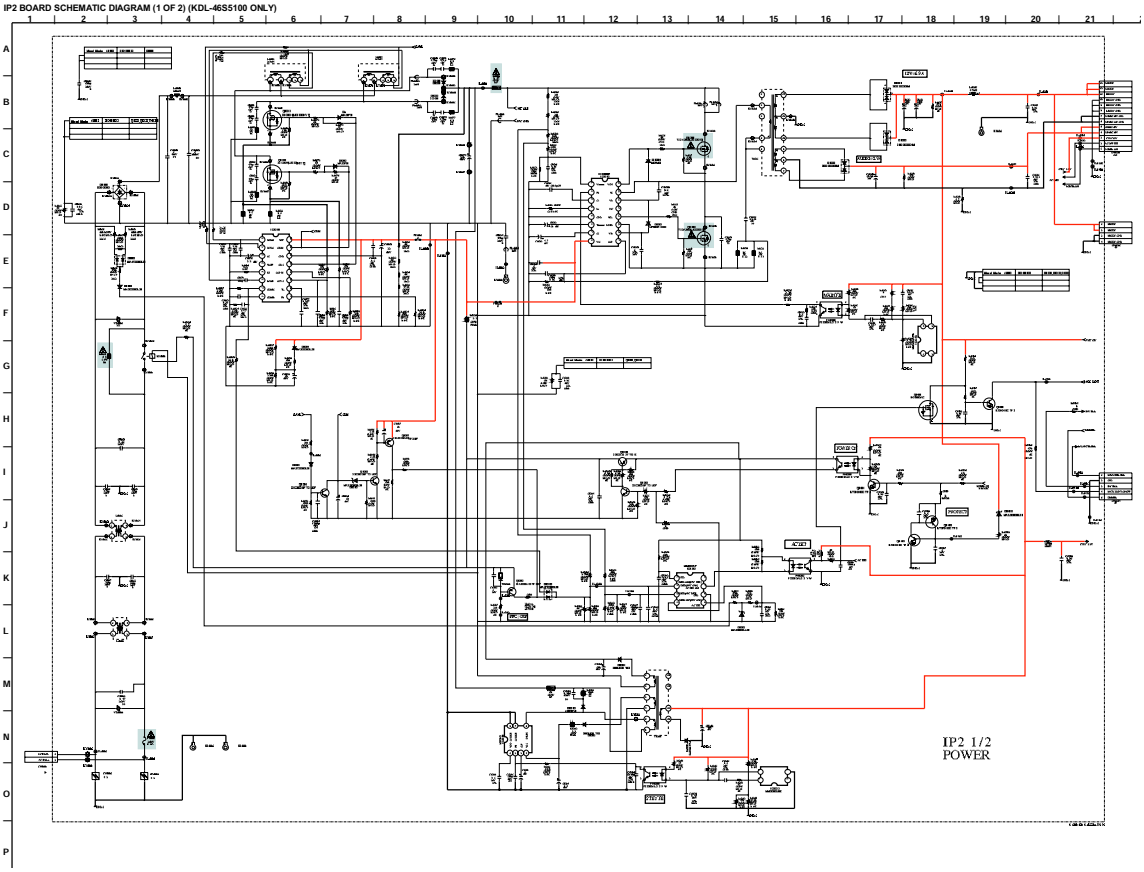
IP2 BOARD SCHEMATIC DIAGRAM (1 OF 2) (KDL-46S5100 ONLY)



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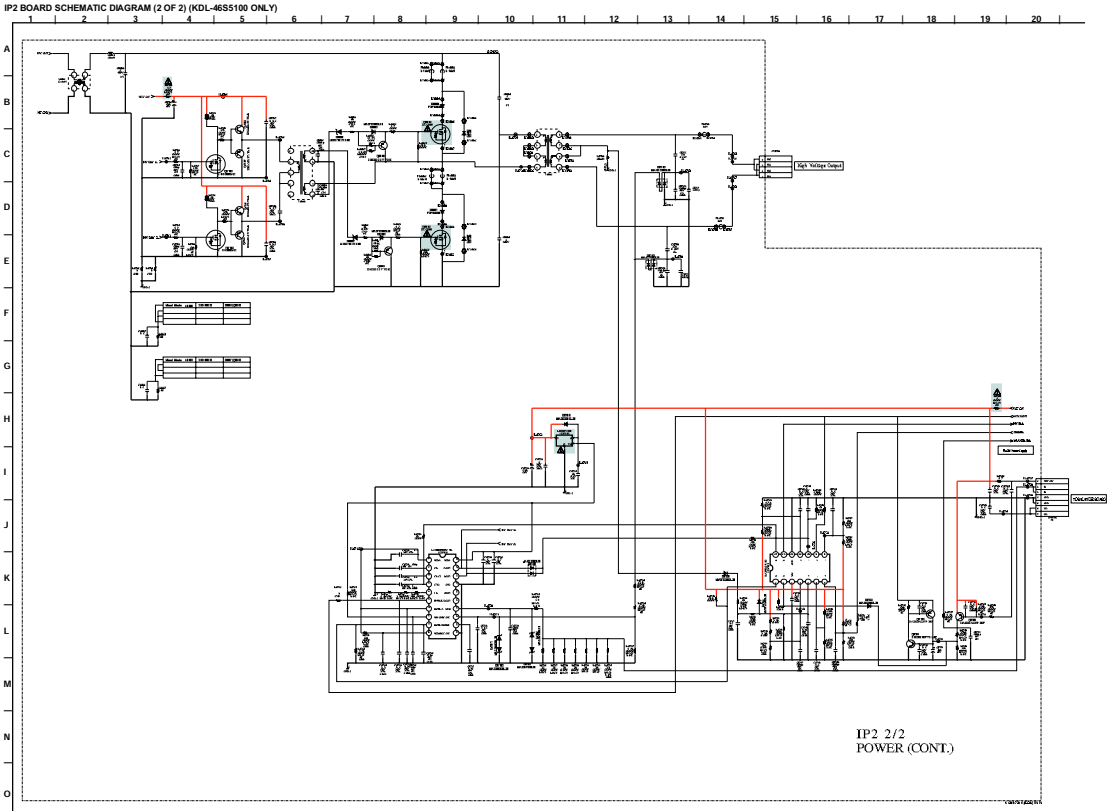
IP2 BOARD SCHEMATIC DIAGRAM (2 OF 2) (KDL-46S5100 ONLY)



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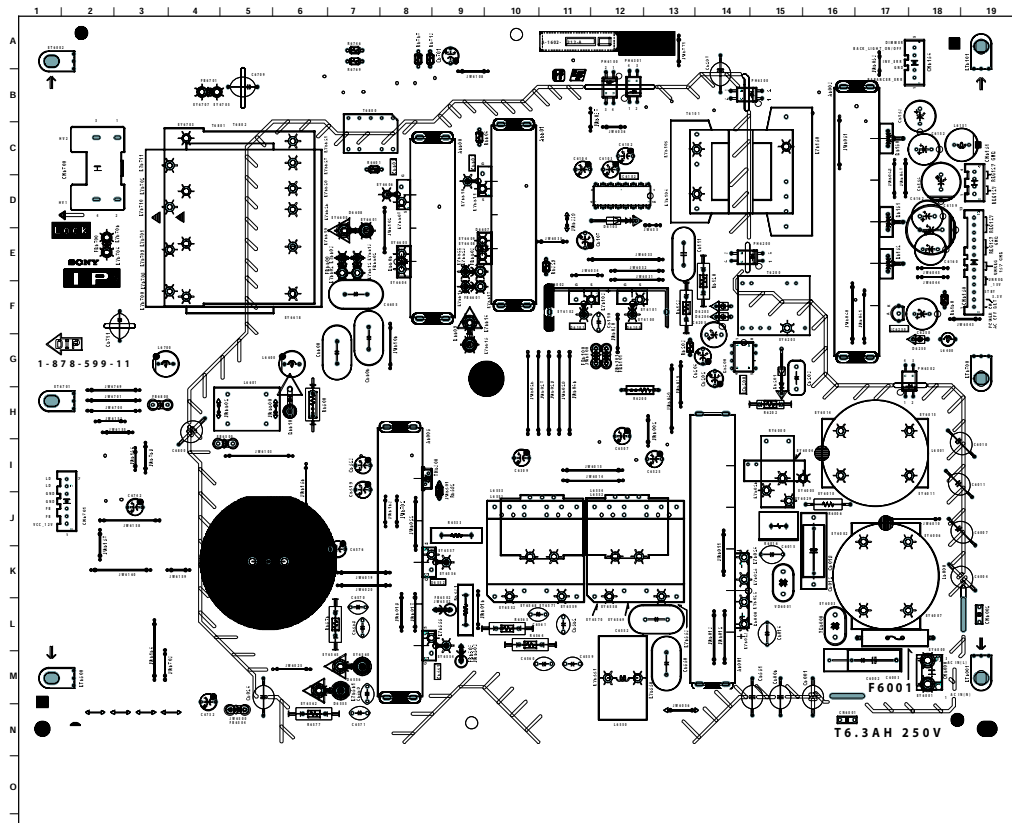
IP2 [POWER]

COMPONENT SIDE (KDL-46S5100 ONLY)



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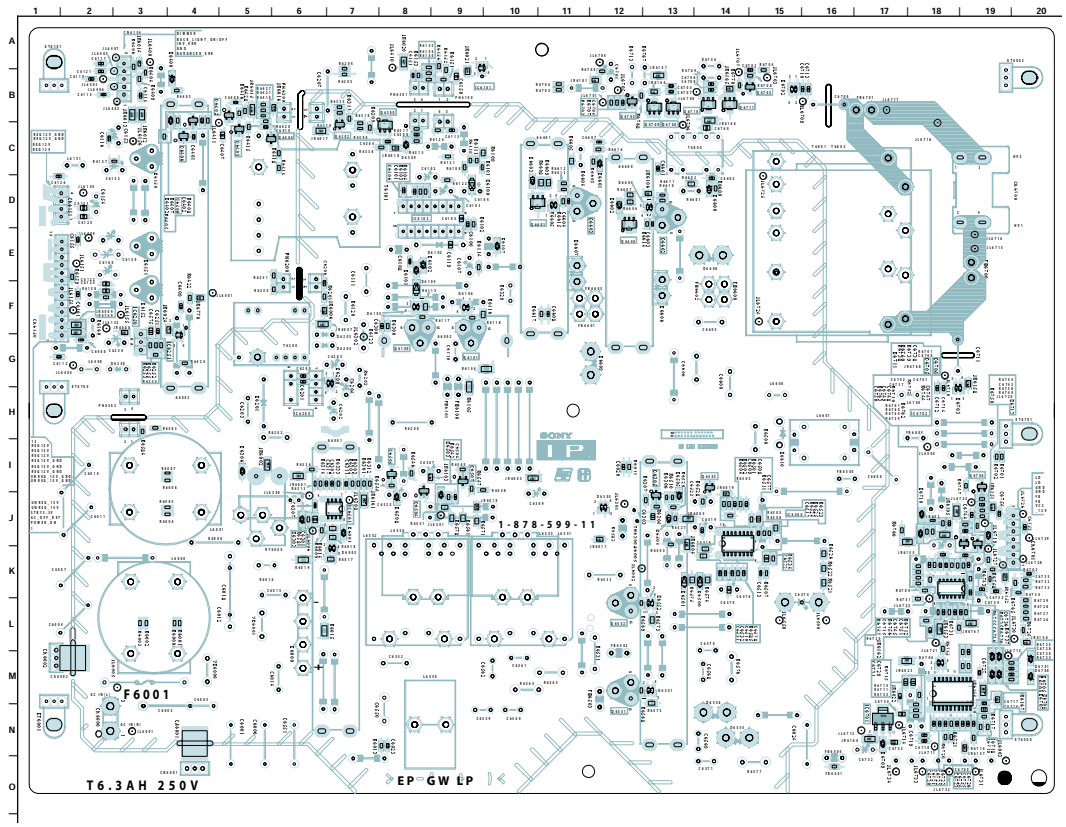
IP2 [POWER]

CONDUCTOR SIDE (KDL-46S5100 ONLY)



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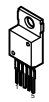
3-5. SEMICONDUCTORS

IC

BA00AST-V5



BA05FP-E2
BA09FP-E2
S-1111B33MC-NYSTFG
S-80928CNMC-G8YT2G
TC7SZ125FU(TE85R)

5Pin CHIP

BA18BC0FP-E2
BA25BC0FP-E2

BR24L02F-WE2
CS4335-KSZR
FA5501N-TE1
LM75CIMX-3
M24128-BWMN6T(A)
M24C02-WMN6T(B)
NJM2521V(TE2)
NJM3414AV(TE2)
RC4558DR
RC4558PWR

8Pin SOP

CD4052BNSR
FMS6418AM16X

16Pin SOP

CXA2188Q-T4

40Pin QFP

EM6A9320BI-5MG

144Pin PGA

HD6433692A39FXV
HD64F3694FXV-DA4
TPA3004D2PHPR

48Pin QFP

HD64F2378-12681-01

144Pin QFP

L88M05T-FA-TL

M52347FP-TE

20Pin SOP

MM1431ATT

NJW1149AFH1

PQ1CY1032ZP

PQ1CZ41H2ZPH

RV5C387A-E2-FB

SII9993CTG100

100Pin QFP

SN74LV132APWR
SN74LVC14APWR

14Pin SOP

STR-A6169

8Pin DIP

TK11819MTL

6Pin CHIP

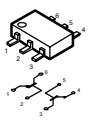
TRANSISTOR

DTC114EU
DTC114EUAFT106

DTC114EUA-T106
DTC115EUA-T106
DTC144WKA-T146
DTC314TK-T-146
DTC323TK
DTC323TKT146
MUN2211T1
MUN2212T1
MUN5213T1
PDTC114EK-115
UN2211
2PA1576R-115
2PC4081R-115
2PD601AR-115
2SA1037AK-T146-QR
2SA1037AK-T146-R
2SA1576A-T106-QR
2SA1774R
2SA1774TL-QR
2SC1623-L5L6
2SC2412K-T-146-QR
2SC4081-R
2SC4081T106R
2SC4617R
2SC4617TL-QR
2SD2114K
2SD601A-Q-TX

FDS6690A

HN1B01FU-TE85R



SSM6N15FU(TE85R)

2SB1122-S
2SB1122-ST-TD-E
2SD1621-ST
2SD1621ST-TD-E

2SD2114KT146

2SK2158-T2B

DIODE

BAS316-115
EP05FA20
MM3Z10VT1
MM3Z11VT1
MM3Z13VT1
MM3Z18VST1
MM3Z22VT1
MM3Z2V4T1
MM3Z5V6ST1
MM3Z6V2ST1
MM3Z6V8ST1
MM3Z8V2ST1

BAT54HT1
DTZ10B
HZU5.6GTRF
MA113-(TX)
MMDL914T1
RD5.6SB-T1
UDZ-TE-17-18B
UDZ-TE-17-6.2B
UDZ-TE-17-6.8B

D10SBS4
D10SBS4F
D2SB60A-F04
D4SB60L

D10SC6M

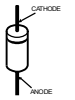
D1NL40-TA2
D1NL40-TR2
ERA22-08

D1NS6
D1NS6-TR
ERA22-06AVRBT
UF4005PKG23
10ERB20-TB3
1N5404TU

EC10QS-04
EC10QS04-TE12L5

EC21QS03L-TE12L
P6SMBJ30A-5
PTZ-TE25-3.9B

ERA22-08KFLB



FSF05A60

HN1D03FU-TE85L
HN1D03FU-TE85R

M1FM3

MA132WK
MA132WK-TX
MA151WK-TX
1SS184

UDZSTE-1710B

UMZ16NT106

1PS302

SML-020MVT-T86

SML-310LTT86

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SECTION 4: EXPLODED VIEWS

Components not identified by a part number or description are not stocked because they are seldom required for routine service.

The component parts of an assembly are indicated by the reference numbers in the far right column of the parts list and within the dotted lines of the diagram.

* Items marked with an asterisk are not stocked since they are seldom required for routine service. Expect some delay when ordering these components.

NOTE: The components identified by shading and ⚠ mark are critical for safety. Replace only with part number specified.

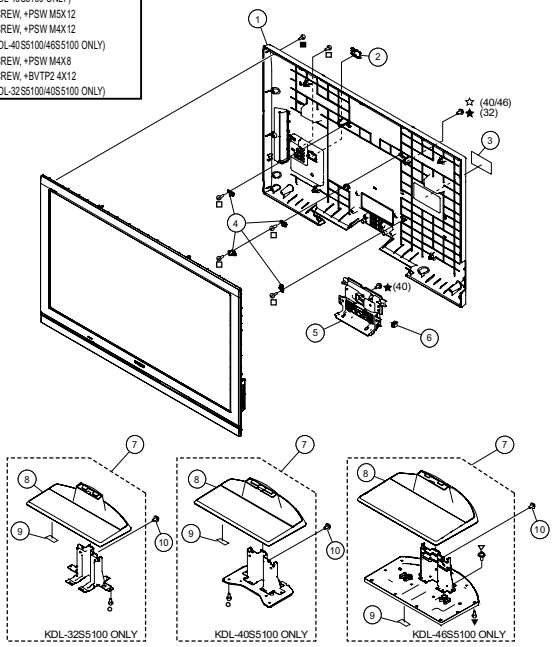
NOTE: Les composants identifies par un trame et une marque ⚠ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

NOTE: The components identified by a red outline and a 🔒 mark contain confidential information. Specific instructions must be adhered to whenever these components are repaired and/or replaced.
See Appendix A: Encryption Key Components in the back of this manual.

4-1. REAR COVER ASSEMBLY AND TABLE-TOP STAND ASSEMBLY

(Check the Sony Electronics Service Information website for any additional service related issues for this model.)

■	2-580-640-01	SCREW, +BVTP2 4X16
□	7-685-648-79	SCREW, +BVTP 3X12 TYPE2 IT-3
▼	7-685-646-79	SCREW, +BVTP 3X8 TYPE2 IT-3 (KDL-46S5100 ONLY)
▽	2-580-607-01	SCREW, +PSW M5X12
☆	2-580-602-01	SCREW, +PSW M4X12 (KDL-40S5100/46S5100 ONLY)
★	2-580-600-01	SCREW, +PSW M4X8
o	2-580-639-01	SCREW, +BVTP2 4X12 (KDL-32S5100/40S5100 ONLY)



REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]
1	4-119-672-01	REAR COVER (32) (KDL-32S5100 ONLY)	
1	4-119-655-01	REAR COVER (40) (KDL-40S5100 ONLY)	
1	4-119-642-01	REAR COVER (46) (KDL-46S5100 ONLY)	
2	3-297-324-01	COVER, ECS	
* 3	4-129-757-01	LABEL, INFORMATION (KDL-32S5100 US/CND/LATIN/MX ONLY)	
* 3	4-141-155-01	LABEL, INFORMATION (KDL-32S5100 CHILE/PERU ONLY)	
* 3	4-129-758-01	LABEL, INFORMATION (KDL-40S5100 US/CND/LATIN/MX ONLY)	
* 3	4-141-156-01	LABEL, INFORMATION (KDL-40S5100 CHILE/PERU ONLY)	
* 3	4-129-759-01	LABEL, INFORMATION (KDL-46S5100 US/CND/LATIN/MX ONLY)	
* 3	4-141-157-01	LABEL, INFORMATION (KDL-46S5100 CHILE/PERU ONLY)	
4	4-126-274-01	FRAME, VESA (M6)	
5	4-124-402-01	COVER, UNDER (S) (KDL-32S5100 ONLY)	
5	4-124-401-01	COVER, UNDER (M) (KDL-40S5100/46S5100 ONLY)	
6	4-022-115-00	HOLDER, AC CORD	
7	A-1727-610-A	STAND (SVC) ASSY (M4) (KDL-32S5100 ONLY)	[8-9]
7	A-1727-611-A	STAND (SVC) ASSY (ML4) (KDL-40S5100 ONLY)	[8-9]
7	A-1727-612-A	STAND (SVC) ASSY (L4A) (KDL-46S5100 ONLY)	[8-9]
		NOTE: The STAND (SVC) ASSY P/N's listed above include packaging	
8	A-1718-254-A	STAND COVER ASSY (M4) (KDL-32S5100 ONLY)	
8	A-1718-255-A	STAND COVER ASSY (ML4) (KDL-40S5100 ONLY)	
8	A1718-253-A	STAND COVER ASSY (L4A) (KDL-46S5100 ONLY)	
9	3-295-631-01	FOOT (15X20) (KDL-32S5100/40S5100 ONLY)	
9	3-094-341-01	FOOT (KDL-46S5100 ONLY)	
10	2-580-608-01	SCREW, +PSW M5X16 (SCREWS TO ATTACH TABLE-TOP STAND TO LCD TV)	

For product protection and safety reasons, Sony strongly recommends that you use the screws provided with the TV.
CAUTION: These screws cannot be used to secure the TV to the Wall Mount Brackets.

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NOTE: The components identified by shading and ⚠ mark are critical for safety. Replace only with part number specified.

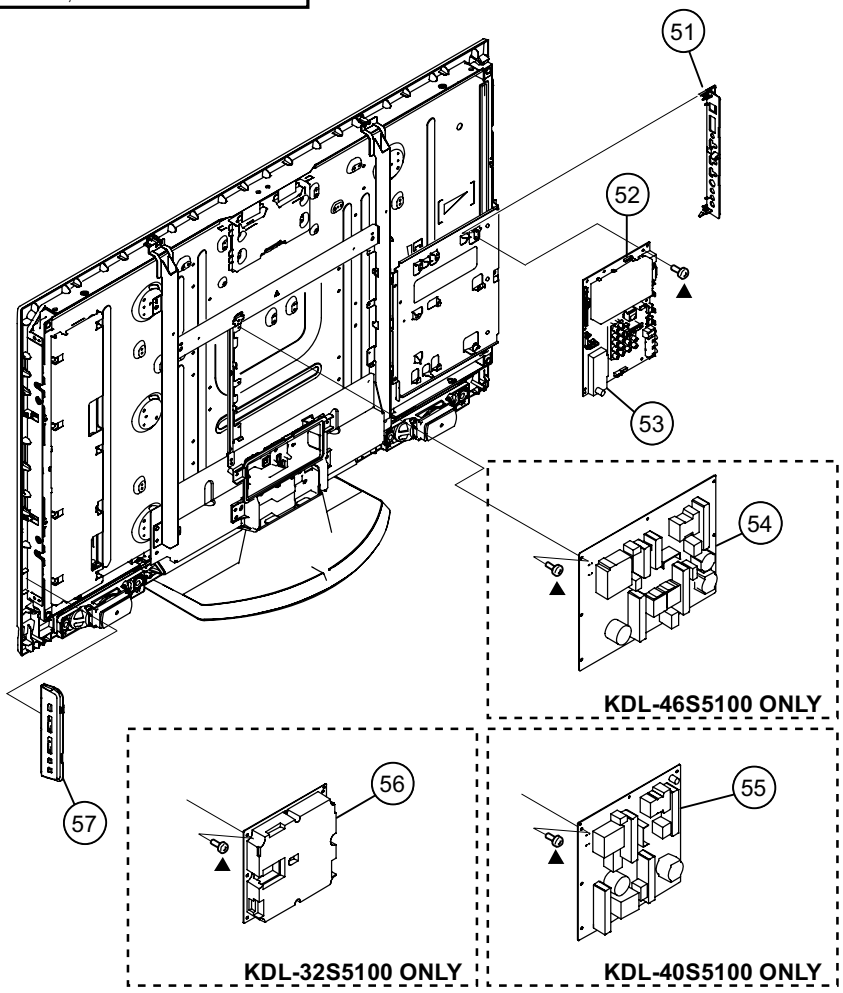
NOTE: Les composants identifies per un trame et une marque ⚠ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

NOTE: The components identified by a red outline and a 🔒 mark contain confidential information. Specific instructions must be adhered to whenever these components are repaired and/or replaced.
See Appendix A: Encryption Key Components in the back of this manual.

4-2. CHASSIS

(Check the Sony Electronics Service Information website for any additional service related issues for this model.)

▲	2-580-628-01	SCREW, +BVST 3X6



REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]
51	4-128-539-01	BRACKET, SIDE JACK	
🔒 52	A-1727-314-A	BM3 BOARD, COMPLETE	(KDL-32S5100 ONLY)
🔒 52	A-1727-312-A	BM3 BOARD, COMPLETE	(KDL-40S5100 ONLY)
🔒 52	A-1727-311-A	BM3 BOARD, COMPLETE	(KDL-46S5100 ONLY)
53	8-597-686-00	TUNER, FSS-BTF-CA431T	
56	1-474-163-11	POWER UNIT (G2BE BOARD)	(KDL-32S5100 ONLY)
55	A-1660-720-A	IP1 BOARD, COMPLETE	(KDL-40S5100 ONLY)
* 54	A-1660-728-A	IP2 BOARD, COMPLETE	(KDL-46S5100 ONLY)
57	1-487-232-11	SWITCH UNIT (Contains HSW3 Board)	

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NOTE: The components identified by shading and ⚠ mark are critical for safety. Replace only with part number specified.

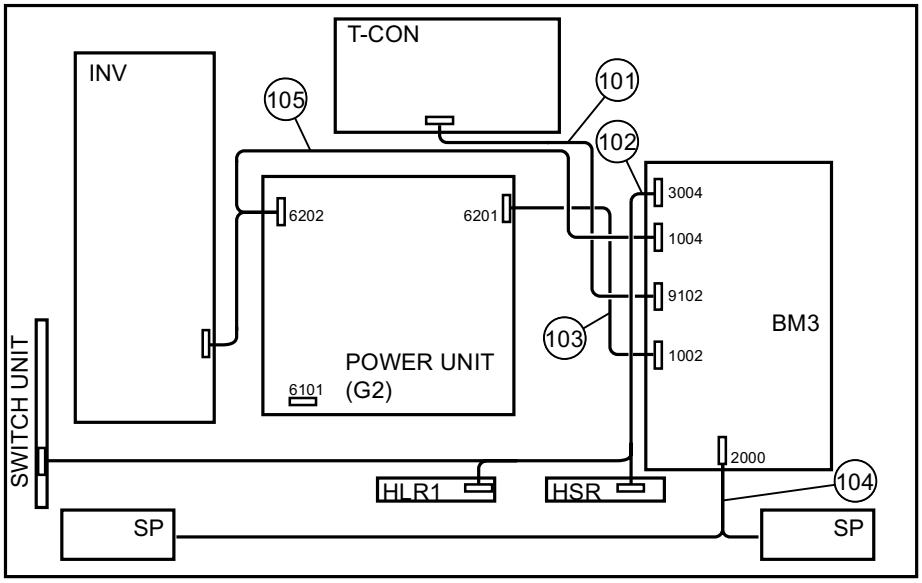
NOTE: Les composants identifies per un trame et une marque ⚠ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

NOTE: The components identified by a red outline and a 🔒 mark contain confidential information. Specific instructions must be adhered to whenever these components are repaired and/or replaced.
See Appendix A: Encryption Key Components in the back of this manual.

4-3. CONNECTORS (KDL-32S5100 ONLY)

(Check the Sony Electronics Service Information website for any additional service related issues for this model.)

NOTE: The LVDS cable can only be installed one way. There is colored tape on the cable to determine which side is attached to the TCON and which side is attached to the BM3 Board. Please refer to Page 22 of the Wire Dressing Diagram Section.



REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]
101	1-836-545-11	(LVDS) HARNESS WITH CONNECTOR	
102	1-910-055-31	CONN ASSY, 20P MM CRIMP 1020	
103	1-910-055-38	CONN ASSY, 14P MM CRIMP 130	
104	1-910-055-45	CONN ASSY, 4P SPEAKER FASTON	
105	1-910-055-40	CONN ASSY, 14P MM CRIMP 590	

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NOTE: The components identified by shading and ⚠ mark are critical for safety. Replace only with part number specified.

NOTE: Les composants identifies per un trame et une marque ⚠ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

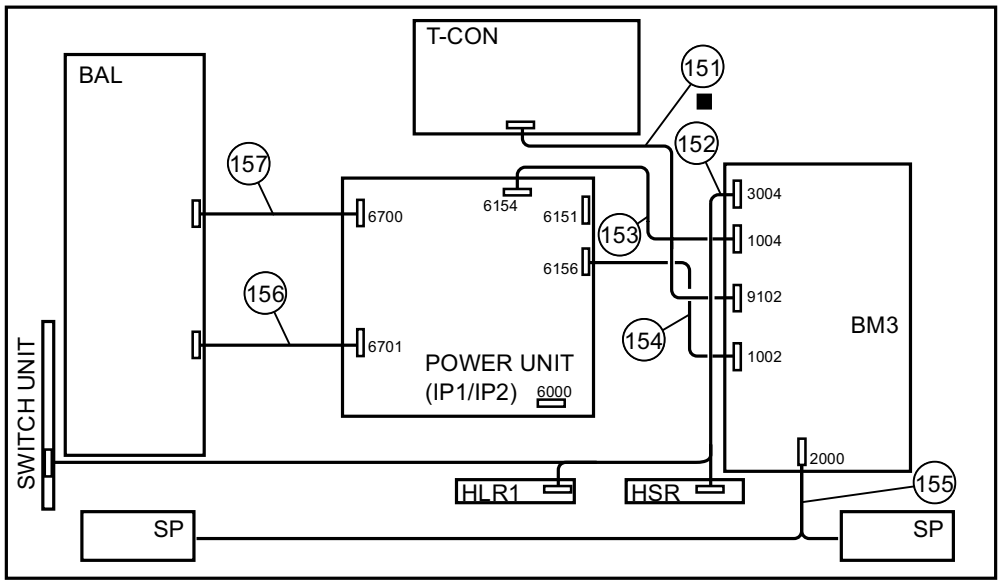
NOTE: The components identified by a red outline and a 🔒 mark contain confidential information. Specific instructions must be adhered to whenever these components are repaired and/or replaced.
See Appendix A: Encryption Key Components in the back of this manual.

4-4. CONNECTORS (KDL-40S5100/46S5100 ONLY)

(Check the Sony Electronics Service Information website for any additional service related issues for this model.)

■ 2-580-628-01 SCREW, +BVST 3X6

NOTE: The LVDS cable can only be installed one way. There is colored tape on the cable to determine which side is attached to the TCON and which side is attached to the BM3 Board. Please refer to Page 32 for KDL-40S5100 and Page 41 for KDL-46S5100 of the Wire Dressing Diagram Section.



REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]
151	1-836-500-11	(LVDS) HARNESS WITH CONNECTOR	(KDL-40S5100 ONLY)
151	1-836-499-11	(LVDS) HARNESS WITH CONNECTOR	(KDL-46S5100 ONLY)
152	1-910-055-33	CONN ASSY, 20P MM CRIMP 1145	(KDL-40S5100 ONLY)
152	1-910-055-35	CONN ASSY, 20P MM CRIMP 1280	(KDL-46S5100 ONLY)
153	1-910-055-54	CONN ASSY, 5P MM CRIMP 260	(KDL-40S5100 ONLY)
153	1-910-055-53	CONN ASSY, 5P MM CRIMP 175	(KDL-46S5100 ONLY)
154	1-910-055-39	CONN ASSY, 13P MM CRIMP 260	
155	1-910-055-45	CONN ASSY, 4P SPEAKER FASTON	(KDL-40S5100 ONLY)
155	1-910-055-46	CONN ASSY, 4P SPEAKER FASTON	(KDL-46S5100 ONLY)
156	1-910-048-07	CONN ASSY, 7P MM CRIMP 250	(KDL-40S5100 ONLY)
156	1-910-055-57	CONN ASSY, 7P MM CRIMP 360	(KDL-46S5100 ONLY)
* 157	1-836-420-11	CONNECTOR ASSY, MDF61	(KDL-40S5100 ONLY)
* 157	1-836-419-11	CONNECTOR ASSY, MDF61	(KDL-46S5100 ONLY)

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NOTE: The components identified by shading and ⚠ mark are critical for safety. Replace only with part number specified.

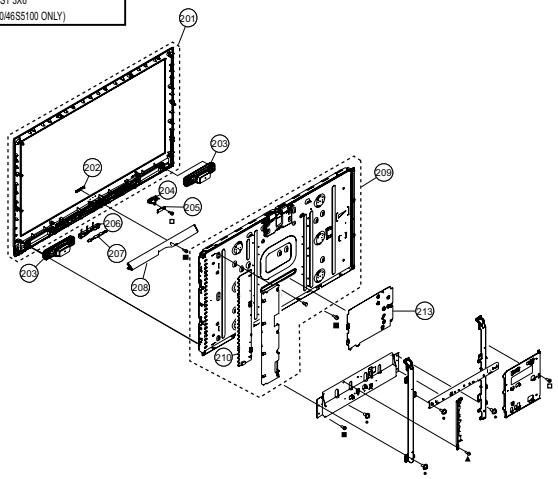
NOTE: Les composants identifies par un trame et une marque ⚠ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

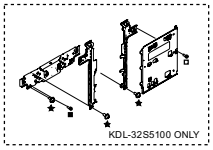
NOTE: The components identified by a red outline and a 🔒 mark contain confidential information. Specific instructions must be adhered to whenever these components are repaired and/or replaced.
See Appendix A: Encryption Key Components in the back of this manual.

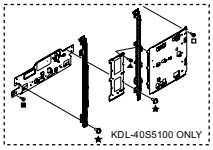
4-5. BEZEL ASSEMBLY AND LCD PANEL

(Check the Sony Electronics Service Information website for any additional service related issues for this model.)

■ 2-580-640-01 SCREW, +BVTP2 4X16
□ 7-685-648-79 SCREW, +BVTP 3X12 TYPE2 IT-3
● 2-580-606-01 SCREW, +PSW M5X8 (KDL-46S5100 ONLY)
★ 2-580-600-01 SCREW, +PSW M4X8
▲ 2-580-628-01 SCREW, +BVST 3X6 (KDL-40S5100/46S5100 ONLY)







REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]
201	X-2342-987-1	BEZEL ASSY (32) (KDL-32S5100 ONLY)	[202]
201	X-2342-988-1	BEZEL ASSY (40) (KDL-40S5100 ONLY)	[202]
201	X-2342-989-1	BEZEL ASSY (46) (KDL-46S5100 ONLY)	[202]
202	4-103-642-21	EMBLEM, SONY NO.8 (KDL-32S5100/40S5100 ONLY)	
202	2-635-749-11	EMBLEM, SONY NO.9 (KDL-46S5100 ONLY)	
203	1-826-648-11	LOUD SPEAKER (4.2X15CM) (KDL-32S5100/40S5100 ONLY)	
203	1-858-170-11	LOUDSPEAKER (KDL-46S5100 ONLY)	
204	4-124-430-01	GUIDE, IR (C)	
205	A-1650-551-A	HSR BOARD, MOUNTED	
206	4-124-429-01	GUIDE, LED (C)	
207	A-1650-550-A	HLR1 BOARD, MOUNTED	
208	4-124-405-01	BAR, UNDER (S) (KDL-32S5100/40S5100 ONLY)	
208	4-124-404-01	BAR, UNDER (M) (KDL-46S5100 ONLY)	

REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]
☛209	N/A	LCD PANEL (32INCH FHD TFT) (KDL-32S5100 ONLY)	[210]
		FOR ALL LCD PANEL PART NUMBER INFORMATION REFER TO THE LCD PANELS SERVICE MANUAL	
☛209	N/A	LCD PANEL (40INCH FHD TFT) (KDL-40S5100 ONLY)	
		FOR ALL LCD PANEL PART NUMBER INFORMATION REFER TO THE LCD PANELS SERVICE MANUAL	
☛209	N/A	LCD PANEL (46INCH FHD TFT) (KDL-46S5100 ONLY)	
		FOR ALL LCD PANEL PART NUMBER INFORMATION REFER TO THE LCD PANELS SERVICE MANUAL	
☛210	N/A	ETC-INVERTER MT BOARD (KDL-32S5100 ONLY)	
		FOR ALL ETC-INVERTER MT BOARD PART NUMBER INFORMATION REFER TO THE LCD PANELS SERVICE MANUAL	
213	4-140-145-01	SHEET, INSULATING (IP1) (KDL-40S5100 ONLY)	
		(MUST BE REPLACED WHEN REPLACING LCD PANEL)	
214	4-140-146-01	SHEET, INSULATING (IP2) (KDL-46S5100 ONLY)	
		(MUST BE REPLACED WHEN REPLACING LCD PANEL)	

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4-6. SCREW LEGEND

(Check the Sony Electronics Service Information website for any additional service related issues for this model.)

KDL 32 5100

P N	DE C IP ION	EMA K	O AL
■ 2-580-640-01	SCREW, +BVTP2 4X16	PNL-2 BOTTOM FRAME-2 UNDER BAR-1 RC-15	20
□ 7-685-648-79	SCREW, +BVTP 3X12 TYPE2 IT-3	MAIN BRACKET-1 RC-2 VESA-4 IR-1	8
▼ 7-685-646-79	SCREW, +BVTP 3X8 TYPE2 IT-3	NONE	0
▽ 2-580-607-01	SCREW, +PSW M5X12	NONE	0
• 2-580-606-01	SCREW, +PSW M5X8	NONE	0
☆ 2-580-602-01	SCREW, +PSW M4X12	NONE	0
★ 2-580-600-01	SCREW, +PSW M4X8	BOTTOM FRAME-2 SPINE4 RC-2	8
○ 2-580-639-01	SCREW, +BVTP2 4X12	STAND BASE-8	8
▲ 2-580-628-01	SCREW, +BVST 3X6	BM3-9 G2-6	15
10 2-580-608-01	SCREW, +PSW M5X16	TABLE-TOP STAND-4	4

KDL 40 5100

■ 2-580-640-01	SCREW, +BVTP2 4X16	PNL-2 BOTTOM FRAME-3 UNDER BAR-1 RC-18	24
□ 7-685-648-79	SCREW, +BVTP 3X12 TYPE2 IT-3	MAIN BRACKET-1 RC-2 VESA-4 IR-1	8
▼ 7-685-646-79	SCREW, +BVTP 3X8 TYPE2 IT-3	NONE	0
▽ 2-580-607-01	SCREW, +PSW M5X12	NONE	0
• 2-580-606-01	SCREW, +PSW M5X8	NONE	0
☆ 2-580-602-01	SCREW, +PSW M4X12	RC-4	4
★ 2-580-600-01	SCREW, +PSW M4X8	SPINE-8	8
○ 2-580-639-01	SCREW, +BVTP2 4X12	STAND BASE-8	8
▲ 2-580-628-01	SCREW, +BVST 3X6	BM3-9 IP1-5 IP BRACKET-2 LVDS HOLDER-1	17
10 2-580-608-01	SCREW, +PSW M5X16	TABLE-TOP STAND-4	4

KDL 46 5100

■ 2-580-640-01	SCREW, +BVTP2 4X16	BOTTOM FRAME -3 PNL-2 UNDER BAR-1 RC-20	26
□ 7-685-648-79	SCREW, +BVTP 3X12 TYPE2 IT-3	MAIN BRACKET-1 RC-2 VESA-4 IR-1	8
▼ 7-685-646-79	SCREW, +BVTP 3X8 TYPE2 IT-3	STAND BASE-7	7
▽ 2-580-607-01	SCREW, +PSW M5X12	STAND BASE-6	6
• 2-580-606-01	SCREW, +PSW M5X8	SPINE-6 CENTER FRAME-2 BOTTOM FRAME-1	9
☆ 2-580-602-01	SCREW, +PSW M4X12	RC-4	4
★ 2-580-600-01	SCREW, +PSW M4X8	NONE	0
○ 2-580-639-01	SCREW, +BVTP2 4X12	NONE	0
▲ 2-580-628-01	SCREW, +BVST 3X6	BM3-9 IP2-6 LVDS HOLDER-1 G FRAME-1	17
10 2-580-608-01	SCREW, +PSW M5X16	TABLE-TOP STAND-4	4

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SECTION 5: ELECTRICAL PARTS LIST

NOTE: The components identified by shading and ⚠ mark are critical for safety. Replace only with part number specified.

* Items marked with an asterisk are not stocked since they are seldom required for routine service. Expect some delay when ordering these components.

BM3

RESISTORS
- All resistors are in ohms
- F : nonflammable
- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.

NOTE: Les composants identifies per un trame et une marque ⚠ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

NOTE: The components identified by a red outline and a 🔒 mark contain confidential information. Specific instructions must be adhered to whenever these components are repaired and/or replaced.
See Appendix A: Encryption Key Components in the back of this manual.

When ordering parts by reference number, please include the board name.

BM3

REF. NO.	PART NO.	DESCRIPTION	VALUES		
🔒	A-1727-314-A	BM3 BOARD, COMPLETE (KDL-32S5100 ONLY)			
🔒	A-1727-312-A	BM3 BOARD, COMPLETE (KDL-40S5100 ONLY)			
🔒	A-1727-311-A	BM3 BOARD, COMPLETE (KDL-46S5100 ONLY)			
	4-135-220-01	SHEET, RADIATION			
		CAPACITOR			
C1024	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C1025	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C1026	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C1027	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C1032	1-112-781-11	CERAMIC CHIP	1µF	10%	10V
C1033	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C1034	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C1038	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C1044	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C1045	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C1051	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C1052	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C1054	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C1055	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C1061	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C1062	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C1070	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C1087	1-114-331-11	CERAMIC CHIP	4.7µF	10%	10V
C1088	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2074	1-114-870-11	CERAMIC CHIP	4.7µF	10%	16V
C2075	1-114-870-11	CERAMIC CHIP	4.7µF	10%	16V
C2078	1-114-330-11	CERAMIC CHIP	2.2µF	10%	16V
C2085	1-100-766-21	ELECT CHIP	47µF	20%	16V
C2086	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C2091	1-112-064-11	CERAMIC CHIP	2.2µF	10%	10V
C2092	1-112-064-11	CERAMIC CHIP	2.2µF	10%	10V
C2094	1-162-927-11	CERAMIC CHIP	100pF	5%	50V
C2095	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C2096	1-162-927-11	CERAMIC CHIP	100pF	5%	50V
C2097	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C2098	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C2100	1-135-366-11	ELECT CHIP	100µF	20%	16V
C2107	1-137-942-21	ELECT CHIP	47µF	20%	25V
C2145	1-100-912-11	CERAMIC CHIP	1µF	10%	25V
C2146	1-100-912-11	CERAMIC CHIP	1µF	10%	25V
C2157	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C2158	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C2159	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C2168	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C2169	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C2178	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C2179	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C2180	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C2181	1-114-553-11	CERAMIC CHIP	10µF	10%	16V
C2182	1-114-553-11	CERAMIC CHIP	10µF	10%	16V
C2183	1-114-553-11	CERAMIC CHIP	10µF	10%	16V
C2206	1-112-064-11	CERAMIC CHIP	2.2µF	10%	10V
C2207	1-112-064-11	CERAMIC CHIP	2.2µF	10%	10V
C2212	1-114-800-11	CERAMIC CHIP	0.0015µF	10%	50V
C2214	1-114-800-11	CERAMIC CHIP	0.0015µF	10%	50V
C2216	1-100-756-91	CERAMIC CHIP	0.047µF	10%	50V
C2217	1-112-064-11	CERAMIC CHIP	2.2µF	10%	10V
C2218	1-112-064-11	CERAMIC CHIP	2.2µF	10%	10V
C2236	1-125-891-11	CERAMIC CHIP	0.47µF	10%	10V
C2237	1-125-891-11	CERAMIC CHIP	0.47µF	10%	10V
C2238	1-125-891-11	CERAMIC CHIP	0.47µF	10%	10V
C2239	1-125-891-11	CERAMIC CHIP	0.47µF	10%	10V
C2240	1-164-230-11	CERAMIC CHIP	220pF	5%	50V
C2241	1-164-230-11	CERAMIC CHIP	220pF	5%	50V
C2242	1-164-230-11	CERAMIC CHIP	220pF	5%	50V

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BM3

REF. NO.	PART NO.	DESCRIPTION	VALUES		
C2243	1-164-230-11	CERAMIC CHIP	220pF	5%	50V
C2244	1-162-923-11	CERAMIC CHIP	47pF	5%	50V
C2245	1-162-925-11	CERAMIC CHIP	68pF	5%	50V
C2246	1-114-870-11	CERAMIC CHIP	4.7µF	10%	16V
C2247	1-114-868-11	CERAMIC CHIP	0.1µF	10%	50V
C2248	1-114-868-11	CERAMIC CHIP	0.1µF	10%	50V
C2251	1-114-326-11	CERAMIC CHIP	0.22µF	10%	25V
C2252	1-114-326-11	CERAMIC CHIP	0.22µF	10%	25V
C2255	1-164-315-11	CERAMIC CHIP	470pF	5%	50V
C2256	1-164-315-11	CERAMIC CHIP	470pF	5%	50V
C2257	1-164-315-11	CERAMIC CHIP	470pF	5%	50V
C2258	1-164-315-11	CERAMIC CHIP	470pF	5%	50V
C2263	1-114-868-11	CERAMIC CHIP	0.1µF	10%	50V
C2264	1-114-326-11	CERAMIC CHIP	0.22µF	10%	25V
C2265	1-114-326-11	CERAMIC CHIP	0.22µF	10%	25V
C2266	1-110-648-11	ELECT CHIP	220µF	20%	25V
C2267	1-100-912-11	CERAMIC CHIP	1µF	10%	25V
C2268	1-100-912-11	CERAMIC CHIP	1µF	10%	25V
C2271	1-110-648-11	ELECT CHIP	220µF	20%	25V
C2272	1-114-868-11	CERAMIC CHIP	0.1µF	10%	50V
C2273	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C2274	1-114-553-11	CERAMIC CHIP	10µF	10%	16V
C2275	1-112-064-11	CERAMIC CHIP	2.2µF	10%	10V
C2276	1-112-064-11	CERAMIC CHIP	2.2µF	10%	10V
C2277	1-112-776-11	CERAMIC CHIP	0.0047µF	10%	50V
C2278	1-112-776-11	CERAMIC CHIP	0.0047µF	10%	50V
C2279	1-114-553-11	CERAMIC CHIP	10µF	10%	16V
C2280	1-114-553-11	CERAMIC CHIP	10µF	10%	16V
C2281	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C2282	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C2283	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C2284	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C2285	1-114-553-11	CERAMIC CHIP	10µF	10%	16V
C2286	1-114-553-11	CERAMIC CHIP	10µF	10%	16V
C2287	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2288	1-100-912-11	CERAMIC CHIP	1µF	10%	25V
C2289	1-112-064-11	CERAMIC CHIP	2.2µF	10%	10V
C2290	1-112-064-11	CERAMIC CHIP	2.2µF	10%	10V
C2291	1-112-064-11	CERAMIC CHIP	2.2µF	10%	10V
C2293	1-135-366-11	ELECT CHIP	100µF	20%	16V
C2294	1-100-766-21	ELECT CHIP	47µF	20%	16V
C2295	1-100-055-11	CERAMIC CHIP	22µF	20%	16V
C2296	1-164-938-11	CERAMIC CHIP	0.0015µF	10%	50V
C2297	1-164-938-11	CERAMIC CHIP	0.0015µF	10%	50V
C2298	1-162-927-11	CERAMIC CHIP	100pF	5%	50V

REF. NO.	PART NO.	DESCRIPTION	VALUES		
C2300	1-112-065-11	CERAMIC CHIP	4.7µF	10%	16V
C3000	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C3003	1-112-781-11	CERAMIC CHIP	1µF	10%	10V
C3004	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C3007	1-114-332-11	CERAMIC CHIP	22µF	10%	6.3V
C3009	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C3010	1-114-332-11	CERAMIC CHIP	22µF	10%	6.3V
C3011	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C3012	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C3013	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C3015	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C3017	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C3018	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C3019	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C3020	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C3023	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C3024	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C3025	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C3026	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C3027	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C3028	1-164-850-11	CERAMIC CHIP	10pF	0.50pF	50V
C3029	1-164-852-11	CERAMIC CHIP	12pF	5%	50V
C3030	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C3032	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C3034	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C3036	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C3038	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C3041	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C3043	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C3049	1-112-066-11	CERAMIC CHIP	10µF	10%	10V
C3050	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C3051	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C3052	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C3054	1-112-781-11	CERAMIC CHIP	1µF	10%	10V
C3801	1-100-912-11	CERAMIC CHIP	1µF	10%	25V
C3803	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C5101	1-112-781-11	CERAMIC CHIP	1µF	10%	10V
C5102	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C5104	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C5105	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C5220	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C5221	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C5224	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C5225	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C5226	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V

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REF. NO.	PART NO.	DESCRIPTION	VALUES		
C5500	1-114-331-11	CERAMIC CHIP	4.7µF	10%	10V
C5501	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C5502	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C5503	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C5504	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C5505	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C5506	1-114-354-11	CAP, CERAMIC	0.1MF X7R (1410)		
C5507	1-100-912-11	CERAMIC CHIP	1µF	10%	25V
C5508	1-114-354-11	CAP, CERAMIC	0.1MF X7R (1410)		
C5509	1-100-912-11	CERAMIC CHIP	1µF	10%	25V
C5510	1-100-912-11	CERAMIC CHIP	1µF	10%	25V
C5511	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C5512	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C5513	1-100-912-11	CERAMIC CHIP	1µF	10%	25V
C5514	1-100-912-11	CERAMIC CHIP	1µF	10%	25V
C5515	1-114-354-11	CAP, CERAMIC	0.1MF X7R (1410)		
C5516	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C5520	1-112-776-11	CERAMIC CHIP	0.0047µF	10%	50V
C5521	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C5522	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C5523	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C7000	1-114-553-11	CERAMIC CHIP	10µF	10%	16V
C7001	1-114-553-11	CERAMIC CHIP	10µF	10%	16V
C7002	1-135-366-11	ELECT CHIP	100µF	20%	16V
C7024	1-112-774-11	CERAMIC CHIP	470pF	10%	50V
C7025	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C7026	1-112-774-11	CERAMIC CHIP	470pF	10%	50V
C7027	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C7028	1-112-774-11	CERAMIC CHIP	470pF	10%	50V
C7029	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C7030	1-112-774-11	CERAMIC CHIP	470pF	10%	50V
C7031	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C7032	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7033	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7034	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7035	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7038	1-114-331-11	CERAMIC CHIP	4.7µF	10%	10V
C7039	1-114-331-11	CERAMIC CHIP	4.7µF	10%	10V
C7042	1-100-055-11	CERAMIC CHIP	22µF	20%	16V
C7043	1-100-055-11	CERAMIC CHIP	22µF	20%	16V
C7044	1-114-553-11	CERAMIC CHIP	10µF	10%	16V
C7045	1-114-553-11	CERAMIC CHIP	10µF	10%	16V
C7046	1-114-553-11	CERAMIC CHIP	10µF	10%	16V
C7047	1-114-553-11	CERAMIC CHIP	10µF	10%	16V
C7048	1-100-055-11	CERAMIC CHIP	22µF	20%	16V
C7049	1-100-055-11	CERAMIC CHIP	22µF	20%	16V
C7200	1-114-520-11	CAP, CERAMIC	1MF X6S (1410)		
C7202	1-114-520-11	CAP, CERAMIC	1MF X6S (1410)		
C7204	1-114-520-11	CAP, CERAMIC	1MF X6S (1410)		
C7205	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C7206	1-114-520-11	CAP, CERAMIC	1MF X6S (1410)		
C7208	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7209	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C7210	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C7214	1-114-520-11	CAP, CERAMIC	1MF X6S (1410)		
C7216	1-114-332-11	CERAMIC CHIP	22µF	10%	6.3V
C7217	1-114-520-11	CAP, CERAMIC	1MF X6S (1410)		
C7222	1-114-520-11	CAP, CERAMIC	1MF X6S (1410)		
C7223	1-114-520-11	CAP, CERAMIC	1MF X6S (1410)		
C7224	1-114-520-11	CAP, CERAMIC	1MF X6S (1410)		
C7226	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C7233	1-114-520-11	CAP, CERAMIC	1MF X6S (1410)		
C7235	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C7239	1-114-520-11	CAP, CERAMIC	1MF X6S (1410)		
C7240	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C7254	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C7255	1-114-520-11	CAP, CERAMIC	1MF X6S (1410)		
C7257	1-114-520-11	CAP, CERAMIC	1MF X6S (1410)		
C7264	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7265	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7268	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7291	1-164-847-11	CERAMIC CHIP	7pF	0.50pF	50V
C7292	1-164-860-11	CERAMIC CHIP	27pF	5%	50V
C7293	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C7305	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C7309	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C7310	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C7312	1-114-871-11	CERAMIC CHIP	100µF	20%	6.3V
C7313	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7314	1-114-320-11	CERAMIC CHIP	0.22µF	10%	6.3V
C7318	1-164-850-11	CERAMIC CHIP	10pF	0.50pF	50V
C7321	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C7323	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7324	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C7325	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7326	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C7327	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C7328	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C7329	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7330	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V

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REF. NO.	PART NO.	DESCRIPTION	VALUES		
C7331	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C7332	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7333	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C7334	1-114-871-11	CERAMIC CHIP	100µF	20%	6.3V
C7400	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7401	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7402	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7406	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7409	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7416	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7419	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7420	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7421	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C7422	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C7428	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7429	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C7430	1-114-332-11	CERAMIC CHIP	22µF	10%	6.3V
C7440	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7441	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7442	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7443	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C7444	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C7445	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C7446	1-114-332-11	CERAMIC CHIP	22µF	10%	6.3V
C7447	1-114-332-11	CERAMIC CHIP	22µF	10%	6.3V
C7448	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7449	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7450	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7451	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C7452	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C7520	1-114-871-11	CERAMIC CHIP	100µF	20%	6.3V
C7532	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7533	1-112-066-11	CERAMIC CHIP	10µF	10%	10V
C7535	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7539	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C7580	1-114-871-11	CERAMIC CHIP	100µF	20%	6.3V
C7585	1-112-066-11	CERAMIC CHIP	10µF	10%	10V
C7586	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C7587	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7590	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7605	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7607	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7613	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7615	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7626	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C7627	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C7639	1-114-331-11	CERAMIC CHIP	4.7µF	10%	10V
C7640	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7641	1-114-320-11	CERAMIC CHIP	0.22µF	10%	6.3V
C7642	1-114-333-11	CERAMIC CHIP	47µF	10%	6.3V
C7643	1-112-775-11	CERAMIC CHIP	0.0022µF	10%	50V
C7644	1-112-776-11	CERAMIC CHIP	0.0047µF	10%	50V
C7645	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C7646	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7648	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C7649	1-112-778-11	CERAMIC CHIP	0.022µF	10%	25V
C7650	1-164-860-11	CERAMIC CHIP	27pF	5%	50V
C7651	1-164-860-11	CERAMIC CHIP	27pF	5%	50V
C7652	1-112-781-11	CERAMIC CHIP	1µF	10%	10V
C7653	1-164-840-11	CERAMIC CHIP	1pF	0.25pF	50V
C7654	1-164-840-11	CERAMIC CHIP	1pF	0.25pF	50V
C7655	1-164-860-11	CERAMIC CHIP	27pF	5%	50V
C7656	1-164-860-11	CERAMIC CHIP	27pF	5%	50V
C7657	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C7658	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C7659	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7662	1-164-866-11	CERAMIC CHIP	47pF	5%	50V
C7663	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C7664	1-164-866-11	CERAMIC CHIP	47pF	5%	50V
C7665	1-114-800-11	CERAMIC CHIP	0.0015µF	10%	50V
C7666	1-112-001-81	CERAMIC CHIP	270pF	5%	50V
C7667	1-114-871-11	CERAMIC CHIP	100µF	20%	6.3V
C7668	1-114-806-11	CERAMIC CHIP	0.0082µF	10%	25V
C7669	1-112-001-81	CERAMIC CHIP	270pF	5%	50V
C7670	1-114-800-11	CERAMIC CHIP	0.0015µF	10%	50V
C7672	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C7673	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C7676	1-100-769-21	ELECT CHIP	470µF	20%	16V
C7677	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C7678	1-114-871-11	CERAMIC CHIP	100µF	20%	6.3V
C7679	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C7680	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7681	1-114-331-11	CERAMIC CHIP	4.7µF	10%	10V
C7682	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C7683	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C7684	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7685	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7688	1-164-862-11	CERAMIC CHIP	33pF	5%	50V
C7782	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7783	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V

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NOTE: The components identified by shading and ⚠ mark are critical for safety. Replace only with part number specified.

NOTE: Les composants identifies per un trame et une marque ⚠ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

BM3

REF. NO.	PART NO.	DESCRIPTION	VALUES		
C7784	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7785	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7787	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7788	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7789	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7790	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7791	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7792	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7793	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7794	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7795	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7796	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7797	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7799	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C7800	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C7801	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C7802	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7803	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7804	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C7806	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7807	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7808	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C7809	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7811	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7812	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C7814	1-114-871-11	CERAMIC CHIP	100µF	20%	6.3V
C7816	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C7819	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C7827	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C9159	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C9160	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C9161	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C9162	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C9163	1-164-315-11	CERAMIC CHIP	470pF	5%	50V
C9164	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C9165	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C9166	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C9167	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C9168	1-164-872-11	CERAMIC CHIP	82pF	5%	50V

CONNECTOR

CN1003	1-822-598-11	HEADER ASSEMBLY FOR PWB	
CN1004	1-821-134-11	HEADER ASSEMBLY FOR PWB	
CN2000	1-822-550-11	HEADER ASSEMBLY FOR PWB	
CN3000	1-779-331-51	CONNECTOR, FFC/FPC	14P
CN3001	1-779-936-51	CONNECTOR, FFC/FPC	18P
CN3004	1-818-714-21	HEADER ASSEMBLY	20P
CN5101	1-822-541-11	D SUB CONNECTOR	
CN7401	1-820-184-11	HEADER ASSEMBLY (PRINT PWB)	
CN7507	1-819-866-11	CONNECTOR, USB (A)	
CN9102	1-822-583-11	HEADER ASSEMBLY (PRINT PWB)	

DIODE

D1000	6-501-774-01	DIODE	MAZ8150G0LS0	
D2002	6-501-817-01	DIODE	MA2J1110GLS0	
D2008	6-501-817-01	DIODE	MA2J1110GLS0	
⚠ D2014	6-501-756-01	DIODE	MAZ8091GMLS0	
D2017	6-502-318-01	DIODE	MA4J1130GLS0	
D2020	6-501-732-01	DIODE	MAZ8056G0LS0	
D2021	6-501-732-01	DIODE	MAZ8056G0LS0	
D2022	6-501-732-01	DIODE	MAZ8056G0LS0	
D2026	6-501-732-01	DIODE	MAZ8056G0LS0	
D2027	6-501-817-01	DIODE	MA2J1110GLS0	
D2028	6-501-817-01	DIODE	MA2J1110GLS0	
D2029	6-501-817-01	DIODE	MA2J1110GLS0	
D2031	6-501-817-01	DIODE	MA2J1110GLS0	
D3006	6-502-318-01	DIODE	MA4J1130GLS0	
D3007	6-502-318-01	DIODE	MA4J1130GLS0	
D3011	6-501-732-01	DIODE	MAZ8056G0LS0	
D3012	6-501-732-01	DIODE	MAZ8056G0LS0	
D3020	6-502-318-01	DIODE	MA4J1130GLS0	
D5501	6-502-318-01	DIODE	MA4J1130GLS0	
D5502	6-502-318-01	DIODE	MA4J1130GLS0	
D5503	6-502-318-01	DIODE	MA4J1130GLS0	
D5504	6-502-318-01	DIODE	MA4J1130GLS0	
D7201	6-501-817-01	DIODE	MA2J1110GLS0	
D7600	8-719-058-24	DIODE	RB501V-40TE-17	

FUSE

⚠ F1001	1-576-933-21	FUSE	5A	24V
⚠ F2000	1-576-958-21	FUSE	4A	24V
⚠ F3000	1-576-646-11	FUSE	0.5A	50V
F5101	1-576-646-11	FUSE	0.5A	50V
⚠ F7001	1-576-603-21	FUSE	3.15A	24V
⚠ F7002	1-576-603-21	FUSE	3.15A	24V

FERRITE BEAD

FB1002	1-500-922-11	FERRITE	0µH
FB2030	1-400-089-21	FERRITE	0µH
FB2031	1-400-089-21	FERRITE	0µH
FB2032	1-400-089-21	FERRITE	0µH
FB2033	1-400-089-21	FERRITE	0µH
FB2034	1-400-089-21	FERRITE	0µH

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NOTE: The components identified by shading and ⚠ mark are critical for safety. Replace only with part number specified.

NOTE: Les composants identifies per un trame et une marque ⚠ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

BM3

REF. NO.	PART NO.	DESCRIPTION	VALUES		
FB2035	1-400-089-21	FERRITE	0µH		
FB3002	1-500-922-11	FERRITE	0µH		
FB3003	1-500-922-11	FERRITE	0µH		
FB3004	1-500-922-11	FERRITE	0µH		
FB7400	1-400-591-22	FERRITE	0µH		
FB7507	1-400-089-21	FERRITE	0µH		
FB7512	1-400-089-21	FERRITE	0µH		
FB7600	1-400-834-11	FERRITE	0µH		
FB7601	1-400-834-11	FERRITE	0µH		
FB7603	1-400-834-11	FERRITE	0µH		
	FILTER				
FL5006	1-114-175-21	CERAMIC CHIP	1µF	20%	6.3V
FL5007	1-114-175-21	CERAMIC CHIP	1µF	20%	6.3V
FL5008	1-114-175-21	CERAMIC CHIP	1µF	20%	6.3V
FL5500	1-114-175-21	CERAMIC CHIP	1µF	20%	6.3V
FL7202	1-234-939-21	FILTER, EMI REMOVAL (SMD)			
FL7203	1-114-175-21	CERAMIC CHIP	1µF	20%	6.3V
FL7204	1-114-175-21	CERAMIC CHIP	1µF	20%	6.3V
FL7500	1-114-175-21	CERAMIC CHIP	1µF	20%	6.3V
FL7601	1-114-175-21	CERAMIC CHIP	1µF	20%	6.3V
FL7602	1-114-175-21	CERAMIC CHIP	1µF	20%	6.3V
FL7603	1-114-175-21	CERAMIC CHIP	1µF	20%	6.3V
FL9000	1-114-175-21	CERAMIC CHIP	1µF	20%	6.3V
FL9001	1-114-175-21	CERAMIC CHIP	1µF	20%	6.3V
	IC				
IC2005	8-759-460-79	IC	BA09FP-E2		
IC2006	8-759-278-58	IC	NJM4558V-TE2		
IC2008	6-709-927-01	IC	RT8H225C-TP-2		
⚠ IC2017	6-712-648-01	IC	TFA9810T-N1		
IC2018	6-713-154-01	IC	AK4682EQ		
IC2019	6-704-819-01	IC	CS4335-KSZR		
IC2023	8-759-278-58	IC	NJM4558V-TE2		
IC3000	6-711-047-01	IC	S-1132B18-U5T1G		
IC3001	6-713-963-01	IC	AT24C32CN-SH-T		
IC3002	6-713-820-01	IC	MB91F313APMC-GE1		
IC3003	6-712-399-01	IC	74AHC1G125GW-125		
IC3004	6-712-399-01	IC	74AHC1G125GW-125		
IC3007	6-711-999-01	IC	MM3286EFBE		
IC3008	6-712-399-01	IC	74AHC1G125GW-125		
IC5102	6-708-132-01	IC	74LVC14APW		
IC5500	6-713-843-01	IC	SII9187CNUTR		
IC7000	6-713-810-01	IC	215-0691008-00		
IC7003	6-713-863-01	IC	BD9540EFV-E2		
IC7004	6-713-863-01	IC	BD9540EFV-E2		

REF. NO.	PART NO.	DESCRIPTION	VALUES
IC7200	6-703-175-01	IC	PST3629UL
IC7400	6-710-369-01	IC	74LVC1G08GW-125
IC7401	6-714-088-01	IC	NT5TU64M16DG-BE
IC7402	6-709-585-01	IC	K9F5608U0D-PIB0T
IC7600	6-703-708-01	IC	LM2903DT
	JACK		
J1000	1-821-880-21	PHONO JACK	10P
J1002	1-573-798-11	JACK, MINIATURE (DIA. 3.5)	
J1003	1-822-518-11	PHONO JACK	4P
	COIL		
L1000	1-216-864-11	SHORT CHIP	
L1001	1-216-864-11	SHORT CHIP	
L1002	1-216-864-11	SHORT CHIP	
L1003	1-216-864-11	SHORT CHIP	
L1004	1-216-864-11	SHORT CHIP	
L1005	1-216-864-11	SHORT CHIP	
L2015	1-469-555-21	INDUCTOR	10µH
L2016	1-457-509-11	INDUCTOR	10µH
L2018	1-457-756-21	INDUCTOR	22µH
L2019	1-457-756-21	INDUCTOR	22µH
L2030	1-457-756-21	INDUCTOR	22µH
L2031	1-457-756-21	INDUCTOR	22µH
L2033	1-469-555-21	INDUCTOR	10µH
L2035	1-469-555-21	INDUCTOR	10µH
L5101	1-481-464-11	FERRITE	0µH
L7003	1-457-455-11	INDUCTOR	10µH
L7004	1-400-193-11	INDUCTOR	3.3µH
L7005	1-457-455-11	INDUCTOR	10µH
L7006	1-457-455-11	INDUCTOR	10µH
L7201	1-481-464-11	FERRITE	0µH
L7202	1-481-464-11	FERRITE	0µH
L7203	1-481-464-11	FERRITE	0µH
L7204	1-481-464-11	FERRITE	0µH
L7205	1-481-464-11	FERRITE	0µH
L7206	1-481-464-11	FERRITE	0µH
L7207	1-481-464-11	FERRITE	0µH
L7208	1-481-464-11	FERRITE	0µH
L7400	1-481-516-11	FERRITE	0µH
L7401	1-481-464-11	FERRITE	0µH
L7500	1-456-984-11	INDUCTOR	0µH
L7501	1-481-464-11	FERRITE	0µH
L7505	1-481-464-11	FERRITE	0µH
L7508	1-481-464-11	FERRITE	0µH
L7512	1-481-464-11	FERRITE	0µH

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REF. NO.	PART NO.	DESCRIPTION	VALUES
L7513	1-481-464-11	FERRITE	0µH
L7515	1-469-553-21	INDUCTOR	4.7µH
L7516	1-481-464-11	FERRITE	0µH
L7517	1-481-464-11	FERRITE	0µH
L7518	1-481-464-11	FERRITE	0µH
L7600	1-469-555-21	INDUCTOR	10µH
L7601	1-412-972-31	INDUCTOR	0.27µH
L7602	1-412-972-31	INDUCTOR	0.27µH
L7603	1-469-555-21	INDUCTOR	10µH
L7604	1-412-979-21	INDUCTOR	1µH
L7605	1-469-554-21	INDUCTOR	6.8µH
L7607	1-412-979-21	INDUCTOR	1µH
L7608	1-469-555-21	INDUCTOR	10µH
L7609	1-469-555-21	INDUCTOR	10µH
L7625	1-469-555-21	INDUCTOR	10µH
L9111	1-481-515-11	FERRITE	0µH
L9113	1-234-400-21	CONDUCTOR, NETWORK	(1005X4)
L9114	1-234-400-21	CONDUCTOR, NETWORK	(1005X4)
L9115	1-234-400-21	CONDUCTOR, NETWORK	(1005X4)
L9116	1-234-400-21	CONDUCTOR, NETWORK	(1005X4)
L9117	1-234-400-21	CONDUCTOR, NETWORK	(1005X4)
L9118	1-234-400-21	CONDUCTOR, NETWORK	(1005X4)

TRANSISTOR

Q1000	6-551-815-01	TRANSISTOR	UNR52A1G0LS0
Q1001	6-550-369-01	TRANSISTOR	TPC8109(TE12L)
Q1002	6-551-815-01	TRANSISTOR	UNR52A1G0LS0
Q1003	6-551-815-01	TRANSISTOR	UNR52A1G0LS0
Q2006	6-551-776-01	TRANSISTOR	2SC5950G0LS0
Q2007	6-551-364-01	TRANSISTOR	DTC614TUT106
Q2008	6-551-364-01	TRANSISTOR	DTC614TUT106
Q2009	6-551-815-01	TRANSISTOR	UNR52A1G0LS0
Q2010	6-551-775-01	TRANSISTOR	2SA2122G0LS0
Q2012	6-551-271-01	TRANSISTOR	RT3AMMM
Q2013	6-551-271-01	TRANSISTOR	RT3AMMM
Q2016	6-551-815-01	TRANSISTOR	UNR52A1G0LS0
Q2017	6-551-815-01	TRANSISTOR	UNR52A1G0LS0
Q2018	6-551-815-01	TRANSISTOR	UNR52A1G0LS0
Q2026	6-551-776-01	TRANSISTOR	2SC5950G0LS0
Q3000	6-551-551-01	TRANSISTOR	RT3N77M-TP-1
Q3001	6-551-551-01	TRANSISTOR	RT3N77M-TP-1
Q3002	6-551-690-01	TRANSISTOR	RT3N11M-TP-1
Q3003	6-551-690-01	TRANSISTOR	RT3N11M-TP-1
Q3006	6-551-364-01	TRANSISTOR	DTC614TUT106
Q3008	6-551-815-01	TRANSISTOR	UNR52A1G0LS0
Q3009	6-551-824-01	TRANSISTOR	UNR51A5G0LS0
Q3010	6-551-364-01	TRANSISTOR	DTC614TUT106
Q3011	6-551-776-01	TRANSISTOR	2SC5950G0LS0
Q3012	6-551-776-01	TRANSISTOR	2SC5950G0LS0
Q3013	6-551-824-01	TRANSISTOR	UNR51A5G0LS0
Q5010	6-552-252-01	TRANSISTOR	BCV27
Q5012	6-551-775-01	TRANSISTOR	2SA2122G0LS0
Q5013	6-551-776-01	TRANSISTOR	2SC5950G0LS0
Q7003	6-552-238-01	TRANSISTOR	MP6K62TR
Q7004	6-552-212-01	TRANSISTOR	MP6K61FU7TR
Q7005	6-552-212-01	TRANSISTOR	MP6K61FU7TR
Q7006	6-552-212-01	TRANSISTOR	MP6K61FU7TR
Q7401	6-551-776-01	TRANSISTOR	2SC5950G0LS0
Q7600	6-551-776-01	TRANSISTOR	2SC5950G0LS0
Q7601	6-551-775-01	TRANSISTOR	2SA2122G0LS0
Q7602	6-551-776-01	TRANSISTOR	2SC5950G0LS0
Q7603	6-551-776-01	TRANSISTOR	2SC5950G0LS0
Q7605	6-551-271-01	TRANSISTOR	RT3AMMM

RESISTOR

R1005	1-218-959-11	METAL CHIP	3.3K	5%	1/16W
R1006	1-218-989-11	METAL CHIP	1M	5%	1/16W
R1007	1-218-989-11	METAL CHIP	1M	5%	1/16W
R1008	1-218-989-11	METAL CHIP	1M	5%	1/16W
R1009	1-218-989-11	METAL CHIP	1M	5%	1/16W
R1011	1-218-965-11	METAL CHIP	10K	5%	1/16W
R1012	1-218-965-11	METAL CHIP	10K	5%	1/16W
R1013	1-218-965-11	METAL CHIP	10K	5%	1/16W
R1014	1-218-965-11	METAL CHIP	10K	5%	1/16W
R1015	1-218-965-11	METAL CHIP	10K	5%	1/16W
R1022	1-218-989-11	METAL CHIP	1M	5%	1/16W
R1023	1-218-989-11	METAL CHIP	1M	5%	1/16W
R1026	1-211-990-11	METAL CHIP	75	0.50%	1/10W
R1027	1-211-990-11	METAL CHIP	75	0.50%	1/10W
R1028	1-218-965-11	METAL CHIP	10K	5%	1/16W
R1029	1-218-965-11	METAL CHIP	10K	5%	1/16W
R1036	1-211-990-11	METAL CHIP	75	0.50%	1/10W
R1037	1-211-990-11	METAL CHIP	75	0.50%	1/10W
R1038	1-211-990-11	METAL CHIP	75	0.50%	1/10W
R1047	1-218-989-11	METAL CHIP	1M	5%	1/16W
R1048	1-218-989-11	METAL CHIP	1M	5%	1/16W
R1049	1-218-989-11	METAL CHIP	1M	5%	1/16W
R1050	1-218-965-11	METAL CHIP	10K	5%	1/16W
R1051	1-218-957-11	METAL CHIP	2.2K	5%	1/16W
R1052	1-218-957-11	METAL CHIP	2.2K	5%	1/16W

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REF. NO.	PART NO.	DESCRIPTION	VALUES		
R1053	1-218-989-11	METAL CHIP	1M	5%	1/16W
R1054	1-218-965-11	METAL CHIP	10K	5%	1/16W
R1055	1-218-965-11	METAL CHIP	10K	5%	1/16W
R1056	1-218-965-11	METAL CHIP	10K	5%	1/16W
R1057	1-218-981-91	METAL CHIP	220K	5%	1/16W
R1058	1-218-981-91	METAL CHIP	220K	5%	1/16W
R1067	1-218-983-11	METAL CHIP	330K	5%	1/16W
R1068	1-218-983-11	METAL CHIP	330K	5%	1/16W
R1074	1-218-990-81	SHORT CHIP			
R1075	1-218-990-81	SHORT CHIP			
R1076	1-216-864-11	SHORT CHIP			
R1077	1-216-295-91	SHORT CHIP			
R1086	1-218-990-81	SHORT CHIP			
R1087	1-218-990-81	SHORT CHIP			
R1088	1-218-990-81	SHORT CHIP			
R1089	1-218-990-81	SHORT CHIP			
R1090	1-218-990-81	SHORT CHIP			
R1091	1-218-990-81	SHORT CHIP			
R1100	1-218-957-11	METAL CHIP	2.2K	5%	1/16W
R1102	1-218-990-81	SHORT CHIP			
R1103	1-218-990-81	SHORT CHIP			
R1120	1-218-959-11	METAL CHIP	3.3K	5%	1/16W
R1121	1-218-959-11	METAL CHIP	3.3K	5%	1/16W
R1122	1-218-959-11	METAL CHIP	3.3K	5%	1/16W
R2117	1-218-961-11	METAL CHIP	4.7K	5%	1/16W
R2118	1-218-961-11	METAL CHIP	4.7K	5%	1/16W
R2121	1-208-715-11	METAL CHIP	22K	0.50%	1/16W
R2122	1-208-715-11	METAL CHIP	22K	0.50%	1/16W
R2129	1-208-715-11	METAL CHIP	22K	0.50%	1/16W
R2133	1-208-715-11	METAL CHIP	22K	0.50%	1/16W
R2138	1-218-985-11	METAL CHIP	470K	5%	1/16W
R2139	1-218-985-11	METAL CHIP	470K	5%	1/16W
R2141	1-208-675-11	METAL CHIP	470	0.50%	1/16W
R2142	1-208-675-11	METAL CHIP	470	0.50%	1/16W
R2143	1-208-711-11	METAL CHIP	15K	0.50%	1/16W
R2145	1-208-711-11	METAL CHIP	15K	0.50%	1/16W
R2149	1-218-969-11	METAL CHIP	22K	5%	1/16W
R2150	1-218-969-11	METAL CHIP	22K	5%	1/16W
R2151	1-208-699-11	METAL CHIP	4.7K	0.50%	1/16W
R2153	1-218-977-11	METAL CHIP	100K	5%	1/16W
R2161	1-218-965-11	METAL CHIP	10K	5%	1/16W
R2163	1-218-990-81	SHORT CHIP			
R2178	1-218-977-11	METAL CHIP	100K	5%	1/16W
R2198	1-218-963-11	METAL CHIP	6.8K	5%	1/16W
R2201	1-218-990-81	SHORT CHIP			

REF. NO.	PART NO.	DESCRIPTION	VALUES		
R2202	1-218-965-11	METAL CHIP	10K	5%	1/16W
R2204	1-218-977-11	METAL CHIP	100K	5%	1/16W
R2205	1-218-973-11	METAL CHIP	47K	5%	1/16W
R2210	1-208-711-11	METAL CHIP	15K	0.50%	1/16W
R2211	1-208-711-11	METAL CHIP	15K	0.50%	1/16W
R2228	1-469-083-21	FERRITE	0µH		
R2229	1-469-083-21	FERRITE	0µH		
R2232	1-469-083-21	FERRITE	0µH		
R2233	1-469-083-21	FERRITE	0µH		
R2250	1-218-990-81	SHORT CHIP			
R2264	1-218-965-11	METAL CHIP	10K	5%	1/16W
R2267	1-218-950-11	METAL CHIP	560	5%	1/16W
R2268	1-218-950-11	METAL CHIP	560	5%	1/16W
R2272	1-218-941-81	METAL CHIP	100	5%	1/16W
R2276	1-218-973-11	METAL CHIP	47K	5%	1/16W
R2281	1-218-990-81	SHORT CHIP			
R2285	1-208-699-11	METAL CHIP	4.7K	0.50%	1/16W
R2286	1-218-990-81	SHORT CHIP			
R2290	1-218-965-11	METAL CHIP	10K	5%	1/16W
R2291	1-218-965-11	METAL CHIP	10K	5%	1/16W
R2292	1-218-965-11	METAL CHIP	10K	5%	1/16W
R2293	1-218-965-11	METAL CHIP	10K	5%	1/16W
R2323	1-218-977-11	METAL CHIP	100K	5%	1/16W
R2326	1-218-965-11	METAL CHIP	10K	5%	1/16W
R2332	1-218-973-11	METAL CHIP	47K	5%	1/16W
R2344	1-218-965-11	METAL CHIP	10K	5%	1/16W
R2345	1-218-965-11	METAL CHIP	10K	5%	1/16W
R2346	1-218-965-11	METAL CHIP	10K	5%	1/16W
R2348	1-218-965-11	METAL CHIP	10K	5%	1/16W
R2352	1-218-965-11	METAL CHIP	10K	5%	1/16W
R2353	1-218-965-11	METAL CHIP	10K	5%	1/16W
R2354	1-218-965-11	METAL CHIP	10K	5%	1/16W
R2355	1-218-965-11	METAL CHIP	10K	5%	1/16W
R2356	1-218-981-91	METAL CHIP	220K	5%	1/16W
R2357	1-218-981-91	METAL CHIP	220K	5%	1/16W
R2358	1-218-981-91	METAL CHIP	220K	5%	1/16W
R2359	1-218-981-91	METAL CHIP	220K	5%	1/16W
R2368	1-211-969-11	METAL CHIP	10	0.50%	1/10W
R2369	1-211-969-11	METAL CHIP	10	0.50%	1/10W
R2370	1-211-969-11	METAL CHIP	10	0.50%	1/10W
R2372	1-211-969-11	METAL CHIP	10	0.50%	1/10W
R2374	1-211-969-11	METAL CHIP	10	0.50%	1/10W
R2375	1-218-941-81	METAL CHIP	100	5%	1/16W
R2376	1-218-965-11	METAL CHIP	10K	5%	1/16W
R2377	1-218-965-11	METAL CHIP	10K	5%	1/16W

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REF. NO.	PART NO.	DESCRIPTION	VALUES		
R2378	1-208-871-81	METAL CHIP	220	0.50%	1/16W
R2379	1-208-871-81	METAL CHIP	220	0.50%	1/16W
R2380	1-218-941-81	METAL CHIP	100	5%	1/16W
R2381	1-218-941-81	METAL CHIP	100	5%	1/16W
R2382	1-218-973-11	METAL CHIP	47K	5%	1/16W
R2383	1-218-973-11	METAL CHIP	47K	5%	1/16W
R2384	1-218-990-81	SHORT CHIP			
R2385	1-208-691-11	METAL CHIP	2.2K	0.50%	1/16W
R2386	1-218-990-81	SHORT CHIP			
R2387	1-218-990-81	SHORT CHIP			
R2388	1-218-990-81	SHORT CHIP			
R2389	1-218-990-81	SHORT CHIP			
R2392	1-218-990-81	SHORT CHIP			
R2395	1-218-969-11	METAL CHIP	22K	5%	1/16W
R2396	1-218-969-11	METAL CHIP	22K	5%	1/16W
R2398	1-218-959-11	METAL CHIP	3.3K	5%	1/16W
R2401	1-218-990-81	SHORT CHIP			
R2402	1-218-969-11	METAL CHIP	22K	5%	1/16W
R2403	1-218-973-11	METAL CHIP	47K	5%	1/16W
R2404	1-218-965-11	METAL CHIP	10K	5%	1/16W
R2405	1-208-711-11	METAL CHIP	15K	0.50%	1/16W
R2406	1-208-711-11	METAL CHIP	15K	0.50%	1/16W
R2407	1-218-961-11	METAL CHIP	4.7K	5%	1/16W
R2408	1-218-981-91	METAL CHIP	220K	5%	1/16W
R2409	1-218-957-11	METAL CHIP	2.2K	5%	1/16W
R2410	1-218-981-91	METAL CHIP	220K	5%	1/16W
R2411	1-218-965-11	METAL CHIP	10K	5%	1/16W
R2412	1-208-699-11	METAL CHIP	4.7K	0.50%	1/16W
R2413	1-218-969-11	METAL CHIP	22K	5%	1/16W
R2414	1-218-969-11	METAL CHIP	22K	5%	1/16W
R2415	1-218-982-11	METAL CHIP	270K	5%	1/16W
R2416	1-218-982-11	METAL CHIP	270K	5%	1/16W
R2417	1-218-990-81	SHORT CHIP			
R2418	1-218-990-81	SHORT CHIP			
R2419	1-218-977-11	METAL CHIP	100K	5%	1/16W
R2420	1-218-933-11	METAL CHIP	22	5%	1/16W
R2421	1-218-990-81	SHORT CHIP			
R2422	1-208-703-11	METAL CHIP	6.8K	0.50%	1/16W
R2431	1-218-973-11	METAL CHIP	47K	5%	1/16W
R3000	1-218-965-11	METAL CHIP	10K	5%	1/16W
R3001	1-218-965-11	METAL CHIP	10K	5%	1/16W
R3002	1-218-965-11	METAL CHIP	10K	5%	1/16W
R3003	1-218-977-11	METAL CHIP	100K	5%	1/16W
R3006	1-218-965-11	METAL CHIP	10K	5%	1/16W
R3013	1-218-965-11	METAL CHIP	10K	5%	1/16W
R3014	1-218-990-81	SHORT CHIP			
R3015	1-218-965-11	METAL CHIP	10K	5%	1/16W
R3018	1-218-953-11	METAL CHIP	1K	5%	1/16W
R3029	1-218-949-11	METAL CHIP	470	5%	1/16W
R3030	1-218-937-11	METAL CHIP	47	5%	1/16W
R3032	1-218-990-81	SHORT CHIP			
R3036	1-218-990-81	SHORT CHIP			
R3038	1-218-941-81	METAL CHIP	100	5%	1/16W
R3042	1-218-937-11	METAL CHIP	47	5%	1/16W
R3043	1-218-965-11	METAL CHIP	10K	5%	1/16W
R3044	1-218-953-11	METAL CHIP	1K	5%	1/16W
R3045	1-218-949-11	METAL CHIP	470	5%	1/16W
R3046	1-218-941-81	METAL CHIP	100	5%	1/16W
R3051	1-218-965-11	METAL CHIP	10K	5%	1/16W
R3053	1-218-953-11	METAL CHIP	1K	5%	1/16W
R3055	1-218-941-81	METAL CHIP	100	5%	1/16W
R3060	1-218-941-81	METAL CHIP	100	5%	1/16W
R3062	1-218-965-11	METAL CHIP	10K	5%	1/16W
R3066	1-218-953-11	METAL CHIP	1K	5%	1/16W
R3067	1-218-989-11	METAL CHIP	1M	5%	1/16W
R3068	1-218-971-11	METAL CHIP	33K	5%	1/16W
R3069	1-218-953-11	METAL CHIP	1K	5%	1/16W
R3070	1-218-953-11	METAL CHIP	1K	5%	1/16W
R3071	1-218-953-11	METAL CHIP	1K	5%	1/16W
R3075	1-218-941-81	METAL CHIP	100	5%	1/16W
R3076	1-218-961-11	METAL CHIP	4.7K	5%	1/16W
R3079	1-218-965-11	METAL CHIP	10K	5%	1/16W
R3080	1-218-953-11	METAL CHIP	1K	5%	1/16W
R3082	1-218-953-11	METAL CHIP	1K	5%	1/16W
R3086	1-245-604-11	METAL CHIP	10M	5%	1/16W
R3087	1-218-981-91	METAL CHIP	220K	5%	1/16W
R3089	1-208-931-11	METAL CHIP	68K	0.50%	1/16W
R3090	1-208-703-11	METAL CHIP	6.8K	0.50%	1/16W
R3092	1-208-711-11	METAL CHIP	15K	0.50%	1/16W
R3094	1-218-953-11	METAL CHIP	1K	5%	1/16W
R3095	1-218-957-11	METAL CHIP	2.2K	5%	1/16W
R3099	1-218-941-81	METAL CHIP	100	5%	1/16W
R3100	1-218-965-11	METAL CHIP	10K	5%	1/16W
R3104	1-218-933-11	METAL CHIP	22	5%	1/16W
R3106	1-218-941-81	METAL CHIP	100	5%	1/16W
R3107	1-218-953-11	METAL CHIP	1K	5%	1/16W
R3108	1-216-864-11	SHORT CHIP			
R3109	1-218-965-11	METAL CHIP	10K	5%	1/16W
R3112	1-218-953-11	METAL CHIP	1K	5%	1/16W
R3117	1-218-990-81	SHORT CHIP			

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REF. NO.	PART NO.	DESCRIPTION	VALUES		
R3118	1-218-879-11	METAL CHIP	22K	0.50%	1/10W
R3120	1-218-945-11	METAL CHIP	220	5%	1/16W
R3121	1-218-990-81	SHORT CHIP			
R3125	1-208-911-11	METAL CHIP	10K	0.50%	1/16W
R3151	1-218-933-11	METAL CHIP	22	5%	1/16W
R3152	1-208-695-11	METAL CHIP	3.3K	0.50%	1/16W
R3153	1-208-691-11	METAL CHIP	2.2K	0.50%	1/16W
R3154	1-208-691-11	METAL CHIP	2.2K	0.50%	1/16W
R3155	1-208-691-11	METAL CHIP	2.2K	0.50%	1/16W
R5101	1-218-990-81	SHORT CHIP			
R5102	1-218-959-11	METAL CHIP	3.3K	5%	1/16W
R5105	1-211-990-11	METAL CHIP	75	0.50%	1/10W
R5107	1-211-990-11	METAL CHIP	75	0.50%	1/10W
R5110	1-211-990-11	METAL CHIP	75	0.50%	1/10W
R5200	1-218-990-81	SHORT CHIP			
R5500	1-208-635-11	METAL CHIP	10	0.50%	1/16W
R5501	1-208-635-11	METAL CHIP	10	0.50%	1/16W
R5504	1-218-990-81	SHORT CHIP			
R5505	1-218-990-81	SHORT CHIP			
R5507	1-218-990-81	SHORT CHIP			
R5508	1-208-635-11	METAL CHIP	10	0.50%	1/16W
R5509	1-208-635-11	METAL CHIP	10	0.50%	1/16W
R5520	1-218-941-81	METAL CHIP	100	5%	1/16W
R5521	1-218-973-11	METAL CHIP	47K	5%	1/16W
R5522	1-218-973-11	METAL CHIP	47K	5%	1/16W
R5523	1-218-982-11	METAL CHIP	270K	5%	1/16W
R5524	1-208-911-11	METAL CHIP	10K	0.50%	1/16W
R5525	1-208-883-81	METAL CHIP	680	0.50%	1/16W
R7021	1-218-990-81	SHORT CHIP			
R7024	1-218-990-81	SHORT CHIP			
R7025	1-218-990-81	SHORT CHIP			
R7026	1-218-990-81	SHORT CHIP			
R7027	1-218-977-11	METAL CHIP	100K	5%	1/16W
R7028	1-218-975-11	METAL CHIP	68K	5%	1/16W
R7029	1-218-977-11	METAL CHIP	100K	5%	1/16W
R7030	1-218-975-11	METAL CHIP	68K	5%	1/16W
R7031	1-208-911-11	METAL CHIP	10K	0.50%	1/16W
R7032	1-208-695-11	METAL CHIP	3.3K	0.50%	1/16W
R7033	1-208-703-11	METAL CHIP	6.8K	0.50%	1/16W
R7034	1-208-699-11	METAL CHIP	4.7K	0.50%	1/16W
R7035	1-208-711-11	METAL CHIP	15K	0.50%	1/16W
R7036	1-218-990-81	SHORT CHIP			
R7037	1-208-715-11	METAL CHIP	22K	0.50%	1/16W
R7038	1-218-990-81	SHORT CHIP			
R7039	1-208-695-11	METAL CHIP	3.3K	0.50%	1/16W

REF. NO.	PART NO.	DESCRIPTION	VALUES		
R7040	1-218-990-81	SHORT CHIP			
R7041	1-208-715-11	METAL CHIP	22K	0.50%	1/16W
R7042	1-218-990-81	SHORT CHIP			
R7043	1-218-971-11	METAL CHIP	33K	5%	1/16W
R7044	1-218-973-11	METAL CHIP	47K	5%	1/16W
R7045	1-218-990-81	SHORT CHIP			
R7046	1-218-990-81	SHORT CHIP			
R7047	1-218-990-81	SHORT CHIP			
R7048	1-218-990-81	SHORT CHIP			
R7049	1-208-715-11	METAL CHIP	22K	0.50%	1/16W
R7050	1-218-975-11	METAL CHIP	68K	5%	1/16W
R7051	1-218-990-81	SHORT CHIP			
R7052	1-218-990-81	SHORT CHIP			
R7053	1-218-990-81	SHORT CHIP			
R7054	1-218-990-81	SHORT CHIP			
R7055	1-218-977-11	METAL CHIP	100K	5%	1/16W
R7056	1-218-990-81	SHORT CHIP			
R7057	1-218-990-81	SHORT CHIP			
R7058	1-218-990-81	SHORT CHIP			
R7059	1-208-703-11	METAL CHIP	6.8K	0.50%	1/16W
R7060	1-208-699-11	METAL CHIP	4.7K	0.50%	1/16W
R7061	1-218-990-81	SHORT CHIP			
R7062	1-218-965-11	METAL CHIP	10K	5%	1/16W
R7063	1-218-971-11	METAL CHIP	33K	5%	1/16W
R7064	1-208-675-11	METAL CHIP	470	0.50%	1/16W
R7065	1-218-990-81	SHORT CHIP			
R7066	1-218-965-11	METAL CHIP	10K	5%	1/16W
R7067	1-218-990-81	SHORT CHIP			
R7068	1-218-990-81	SHORT CHIP			
R7069	1-218-990-81	SHORT CHIP			
R7070	1-218-990-81	SHORT CHIP			
R7071	1-218-990-81	SHORT CHIP			
R7203	1-218-990-81	SHORT CHIP			
R7205	1-218-961-11	METAL CHIP	4.7K	5%	1/16W
R7220	1-218-941-81	METAL CHIP	100	5%	1/16W
R7337	1-218-965-11	METAL CHIP	10K	5%	1/16W
R7339	1-218-965-11	METAL CHIP	10K	5%	1/16W
R7340	1-208-898-81	METAL CHIP	3K	0.50%	1/16W
R7341	1-208-635-11	METAL CHIP	10	0.50%	1/16W
R7342	1-208-643-11	METAL CHIP	22	0.50%	1/16W
R7343	1-218-941-81	METAL CHIP	100	5%	1/16W
R7344	1-218-941-81	METAL CHIP	100	5%	1/16W
R7345	1-218-941-81	METAL CHIP	100	5%	1/16W
R7404	1-218-957-11	METAL CHIP	2.2K	5%	1/16W
R7405	1-208-683-11	METAL CHIP	1K	0.50%	1/16W

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REF. NO.	PART NO.	DESCRIPTION	VALUES		
R7406	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R7411	1-218-938-11	METAL CHIP	56	5%	1/16W
R7412	1-218-938-11	METAL CHIP	56	5%	1/16W
R7477	1-218-990-81	SHORT CHIP			
R7504	1-218-953-11	METAL CHIP	1K	5%	1/16W
R7523	1-218-990-81	SHORT CHIP			
R7543	1-218-977-11	METAL CHIP	100K	5%	1/16W
R7544	1-218-965-11	METAL CHIP	10K	5%	1/16W
R7547	1-218-967-11	METAL CHIP	15K	5%	1/16W
R7550	1-218-967-11	METAL CHIP	15K	5%	1/16W
R7604	1-218-990-81	SHORT CHIP			
R7607	1-218-941-81	METAL CHIP	100	5%	1/16W
R7616	1-218-959-11	METAL CHIP	3.3K	5%	1/16W
R7617	1-218-989-11	METAL CHIP	1M	5%	1/16W
R7618	1-208-697-11	METAL CHIP	3.9K	0.50%	1/16W
R7619	1-218-958-11	METAL CHIP	2.7K	5%	1/16W
R7620	1-218-969-11	METAL CHIP	22K	5%	1/16W
R7621	1-208-928-11	METAL CHIP	51K	0.50%	1/16W
R7622	1-218-957-11	METAL CHIP	2.2K	5%	1/16W
R7623	1-218-941-81	METAL CHIP	100	5%	1/16W
R7624	1-218-989-11	METAL CHIP	1M	5%	1/16W
R7625	1-218-959-11	METAL CHIP	3.3K	5%	1/16W
R7626	1-218-961-11	METAL CHIP	4.7K	5%	1/16W
R7627	1-218-959-11	METAL CHIP	3.3K	5%	1/16W
R7628	1-218-941-81	METAL CHIP	100	5%	1/16W
R7629	1-208-928-11	METAL CHIP	51K	0.50%	1/16W
R7630	1-218-969-11	METAL CHIP	22K	5%	1/16W
R7631	1-218-990-81	SHORT CHIP			
R7632	1-218-941-81	METAL CHIP	100	5%	1/16W
R7633	1-218-949-11	METAL CHIP	470	5%	1/16W
R7634	1-218-941-81	METAL CHIP	100	5%	1/16W
R7635	1-218-965-11	METAL CHIP	10K	5%	1/16W
R7636	1-218-959-11	METAL CHIP	3.3K	5%	1/16W
R7637	1-218-953-11	METAL CHIP	1K	5%	1/16W
R7638	1-218-965-11	METAL CHIP	10K	5%	1/16W
R7641	1-218-947-11	METAL CHIP	330	5%	1/16W
R7642	1-208-711-11	METAL CHIP	15K	0.50%	1/16W
R7643	1-218-953-11	METAL CHIP	1K	5%	1/16W
R7646	1-208-939-11	METAL CHIP	150K	0.50%	1/16W
R7649	1-218-978-11	METAL CHIP	120K	5%	1/16W
R7652	1-218-990-81	SHORT CHIP			
R7653	1-218-957-11	METAL CHIP	2.2K	5%	1/16W
R7658	1-239-674-81	RESISTOR, NETWORK	100		
R7660	1-218-953-11	METAL CHIP	1K	5%	1/16W
R7661	1-218-941-81	METAL CHIP	100	5%	1/16W
R7662	1-218-945-11	METAL CHIP	220	5%	1/16W
R7663	1-208-695-11	METAL CHIP	3.3K	0.50%	1/16W
R7953	1-218-965-11	METAL CHIP	10K	5%	1/16W
R7959	1-218-990-81	SHORT CHIP			
R7960	1-218-959-11	METAL CHIP	3.3K	5%	1/16W
R7961	1-218-965-11	METAL CHIP	10K	5%	1/16W
R7969	1-208-871-81	METAL CHIP	220	0.50%	1/16W
R7970	1-208-871-81	METAL CHIP	220	0.50%	1/16W
R7971	1-208-871-81	METAL CHIP	220	0.50%	1/16W
R7972	1-208-871-81	METAL CHIP	220	0.50%	1/16W
R7975	1-218-965-11	METAL CHIP	10K	5%	1/16W
R7987	1-218-990-81	SHORT CHIP			
R9227	1-218-933-11	METAL CHIP	22	5%	1/16W
R9230	1-218-990-81	SHORT CHIP			
R9234	1-218-965-11	METAL CHIP	10K	5%	1/16W

RESISTOR BRIDGE

RB1001	1-239-698-11	RESISTOR, NETWORK	10K
RB2001	1-234-381-11	RES, NETWORK	100K (1005X4)
RB2004	1-239-674-81	RESISTOR, NETWORK	100
RB2007	1-234-370-21	RES, NETWORK	22 (1005X4)
RB2008	1-234-371-21	RES, NETWORK	47 (1005X4)
RB3000	1-239-698-11	RESISTOR, NETWORK	10K
RB3002	1-239-694-81	RESISTOR, NETWORK	4.7K
RB3003	1-234-372-11	RES, NETWORK	100 (1005X4)
RB3004	1-234-372-11	RES, NETWORK	100 (1005X4)
RB3006	1-234-372-11	RES, NETWORK	100 (1005X4)
RB3007	1-234-372-11	RES, NETWORK	100 (1005X4)
RB3008	1-234-371-21	RES, NETWORK	47 (1005X4)
RB3009	1-234-372-11	RES, NETWORK	100 (1005X4)
RB3010	1-234-371-21	RES, NETWORK	47 (1005X4)
RB3012	1-234-378-21	RES, NETWORK	10K (1005X4)
RB3013	1-234-378-21	RES, NETWORK	10K (1005X4)
RB3015	1-234-375-21	RES, NETWORK	1K (1005X4)
RB3016	1-234-372-11	RES, NETWORK	100 (1005X4)
RB3017	1-234-375-21	RES, NETWORK	1K (1005X4)
RB3019	1-239-674-81	RESISTOR, NETWORK	100
RB3021	1-234-375-21	RES, NETWORK	1K (1005X4)
RB3023	1-239-686-11	RESISTOR, NETWORK	1K
RB3030	1-234-378-21	RES, NETWORK	10K (1005X4)
RB3040	1-234-371-21	RES, NETWORK	47 (1005X4)
RB3041	1-239-690-81	RESISTOR, NETWORK	2.2K
RB3042	1-239-690-81	RESISTOR, NETWORK	2.2K
RB3043	1-239-670-81	RESISTOR, NETWORK	47
RB3061	1-234-370-21	RES, NETWORK	22 (1005X4)
RB3802	1-239-698-11	RESISTOR, NETWORK	10K

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BM3 G2BE

REF. NO.	PART NO.	DESCRIPTION	VALUES
RB3805	1-239-674-81	RESISTOR, NETWORK	100
RB3806	1-239-670-81	RESISTOR, NETWORK	47
RB5101	1-239-694-81	RESISTOR, NETWORK	4.7K
RB5102	1-239-674-81	RESISTOR, NETWORK	100
RB5114	1-239-666-81	RESISTOR, NETWORK	22
RB5500	1-239-706-81	RESISTOR, NETWORK	47K
RB5501	1-239-706-81	RESISTOR, NETWORK	47K
RB5502	1-239-706-81	RESISTOR, NETWORK	47K
RB5503	1-239-706-81	RESISTOR, NETWORK	47K
RB5506	1-239-694-81	RESISTOR, NETWORK	4.7K
RB7201	1-239-674-81	RESISTOR, NETWORK	100
RB7202	1-239-674-81	RESISTOR, NETWORK	100
RB7205	1-234-372-11	RES, NETWORK	100 (1005X4)
RB7209	1-234-378-21	RES, NETWORK	10K (1005X4)
RB7210	1-239-674-81	RESISTOR, NETWORK	100
RB7414	1-234-370-21	RES, NETWORK	22 (1005X4)
RB7420	1-234-372-11	RES, NETWORK	100 (1005X4)
RB7421	1-234-378-21	RES, NETWORK	10K (1005X4)
RB7550	1-234-372-11	RES, NETWORK	100 (1005X4)
RB7600	1-239-674-81	RESISTOR, NETWORK	100
RB7601	1-239-690-81	RESISTOR, NETWORK	2.2K
RB7602	1-239-674-81	RESISTOR, NETWORK	100
RB7603	1-211-990-11	METAL CHIP	75 0.50% 1/10W
RB7604	1-211-990-11	METAL CHIP	75 0.50% 1/10W
RB7606	1-211-990-11	METAL CHIP	75 0.50% 1/10W
RB7607	1-211-990-11	METAL CHIP	75 0.50% 1/10W
RB7608	1-211-990-11	METAL CHIP	75 0.50% 1/10W
RB9201	1-234-370-21	RES, NETWORK	22 (1005X4)

TRANSFORMER

TB1000	1-780-489-12	S TERMINAL BLOCK (RIGHT)

TUNER

TU7600	8-597-686-00	TUNER, FSS BTF-CA431T

VARISTOR

VD1000	1-802-078-11	VARISTOR (SMD)
VD1001	1-802-078-11	VARISTOR (SMD)
VD1003	1-802-078-11	VARISTOR (SMD)
VD1005	1-802-078-11	VARISTOR (SMD)
VD1006	1-802-078-11	VARISTOR (SMD)
VD1007	1-802-078-11	VARISTOR (SMD)
VD1008	1-802-078-11	VARISTOR (SMD)
VD1010	1-802-078-11	VARISTOR (SMD)
VD1011	1-802-078-11	VARISTOR (SMD)
VD1012	1-802-078-11	VARISTOR (SMD)
VD1013	1-802-078-11	VARISTOR (SMD)
VD1014	1-802-078-11	VARISTOR (SMD)
VD1016	1-802-078-11	VARISTOR (SMD)
VD1017	1-802-078-11	VARISTOR (SMD)
VD1018	1-802-078-11	VARISTOR (SMD)
VD1019	1-802-078-11	VARISTOR (SMD)
VD1025	1-802-078-11	VARISTOR (SMD)
VD1026	1-802-078-11	VARISTOR (SMD)
VD1027	1-802-078-11	VARISTOR (SMD)
VD1028	1-802-078-11	VARISTOR (SMD)
VD1029	1-802-078-11	VARISTOR (SMD)
VD1030	1-802-078-11	VARISTOR (SMD)
VD1040	1-802-078-11	VARISTOR (SMD)
VD1041	1-802-078-11	VARISTOR (SMD)
VD1042	1-802-078-11	VARISTOR (SMD)
VD5102	1-802-078-11	VARISTOR (SMD)
VD5103	1-802-078-11	VARISTOR (SMD)
VD5104	1-802-078-11	VARISTOR (SMD)
VD5105	1-802-078-11	VARISTOR (SMD)
VD5106	1-802-078-11	VARISTOR (SMD)
VD5107	1-802-078-11	VARISTOR (SMD)
VD5108	1-802-078-11	VARISTOR (SMD)
VD5109	1-802-078-11	VARISTOR (SMD)
VD5110	1-802-078-11	VARISTOR (SMD)
VD7506	1-802-090-21	VARISTOR, CHIP
VD7507	1-802-090-21	VARISTOR, CHIP
VD7508	1-802-090-21	VARISTOR, CHIP

CRYSTAL

X3000	1-814-288-21	VIBRATOR, CERAMIC
X3001	1-813-784-21	VIBRATOR, CRYSTAL
X7200	1-814-261-21	VIBRATOR, CRYSTAL

G2BE

1-474-163-11 POWER UNIT (G2BE BOARD) (KDL-32S5100 ONLY)

This board is manufactured by a 3rd party.
Component level repair information is not available.

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HLR1 HSR IP1

HLR1

	REF. NO.	PART NO.	DESCRIPTION	VALUES		
*		A-1650-550-A	HLR1 BOARD, MOUNTED			
			DIODE			
*	D301	6-502-294-01	DIODE	SML-D13M8WT86S		
	D302	6-502-196-01	DIODE	SML-D12Y8WT86SP		
*	D303	6-502-294-01	DIODE	SML-D13M8WT86S		
	D306	6-502-598-01	DIODE	SML-D12U8WT86		
			CHIP CONDUCTOR			
	JR301	1-216-864-11	SHORT CHIP			
	JR302	1-216-864-11	SHORT CHIP			
			TRANSISTOR			
	Q301	6-551-815-01	TRANSISTOR	UNR52A1G0LS0		
	Q302	6-551-815-01	TRANSISTOR	UNR52A1G0LS0		
	Q303	6-551-815-01	TRANSISTOR	UNR52A1G0LS0		
	Q306	6-551-815-01	TRANSISTOR	UNR52A1G0LS0		
			RESISTOR			
	R301	1-216-811-11	METAL CHIP	150	5%	1/10W
	R302	1-218-288-11	METAL CHIP	300	5%	1/10W
	R303	1-216-811-11	METAL CHIP	150	5%	1/10W
	R306	1-216-813-11	METAL CHIP	220	5%	1/10W

HSR

	REF. NO.	PART NO.	DESCRIPTION	VALUES		
*		A-1650-551-A	HSR BOARD, MOUNTED			
			CAPACITOR			
	C401	1-112-068-11	CERAMIC CHIP	220pF	10%	50V
	C402	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
	C404	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
	C405	1-114-333-11	CERAMIC CHIP	47µF	10%	6.3V
	C406	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
			CONNECTOR			
*	CN401	1-821-132-11	HEADER ASSEMBLY (PRINT PWB)			
*	CN402	1-819-472-11	HEADER ASSEMBLY (PRINT PWB)			
			DIODE			
	D402	6-501-734-01	DIODE	MAZ8056GMLS0		
			IC			
	IC401	6-600-681-01	IC	RS-770N		
	IC402	6-600-680-01	PHOTO DIODE	BH1690FVC-TR		
			TRANSISTOR			
	Q401	6-551-775-01	TRANSISTOR	2SA2122G0LS0		
			RESISTOR			
	R401	1-218-949-11	METAL CHIP	470	5%	1/16W
	R402	1-218-937-11	METAL CHIP	47	5%	1/16W
	R403	1-218-990-81	SHORT CHIP			
	R404	1-218-955-11	METAL CHIP	1.5K	5%	1/16W
	R406	1-218-990-81	SHORT CHIP			
	R407	1-218-979-11	METAL CHIP	150K	5%	1/16W
	R408	1-218-965-11	METAL CHIP	10K	5%	1/16W
	R409	1-218-971-11	METAL CHIP	33K	5%	1/16W
	R411	1-218-953-11	METAL CHIP	1K	5%	1/16W

IP1

	REF. NO.	PART NO.	DESCRIPTION	VALUES		
*		A-1660-720-A	IP1 BOARD, COMPLETE (KDL-40S5100 ONLY)			
		2-580-592-01	SCREW, +PSW M3X8			
		7-322-065-48	RUBBER, SILICONE RTV (KE-3490)			
			CAPACITOR			
	C6003	1-114-595-11	FILM	0.47µF	10%	310V
	C6006	1-112-876-51	CERAMIC	470pF	10%	250V
	C6007	1-112-874-51	CERAMIC	220pF	10%	250V
	C6010	1-112-876-51	CERAMIC	470pF	10%	250V
	C6011	1-112-874-51	CERAMIC	220pF	10%	250V
	C6018	1-114-594-11	FILM	0.22µF	10%	310V
	C6019	1-114-323-11	CERAMIC CHIP	0.01µF	10%	50V
	C6020	1-114-868-11	CERAMIC CHIP	0.1µF	10%	50V
	C6024	1-112-876-51	CERAMIC	470pF	10%	250V
	C6100	1-114-323-11	CERAMIC CHIP	0.01µF	10%	50V
	C6101	1-100-831-91	CERAMIC CHIP	0.001µF	2%	50V
	C6102	1-107-906-11	ELECT	10µF	20%	50V
	C6103	1-107-905-11	ELECT	4.7µF	20%	50V
	C6105	1-100-912-11	CERAMIC CHIP	1µF	10%	25V
	C6106	1-114-323-11	CERAMIC CHIP	0.01µF	10%	50V
	C6108	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V
	C6110	1-112-481-11	CERAMIC	470pF	10%	1KV
	C6111	1-100-732-11	FILM	18000pF	3%	1KV
	C6113	1-114-868-11	CERAMIC CHIP	0.1µF	10%	50V
	C6114	1-100-912-11	CERAMIC CHIP	1µF	10%	25V

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IP1

REF. NO.	PART NO.	DESCRIPTION	VALUES		
C6123	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V
C6124	1-114-868-11	CERAMIC CHIP	0.1µF	10%	50V
C6150	1-114-328-11	CERAMIC CHIP	0.047µF	10%	50V
C6151	1-114-324-11	CERAMIC CHIP	0.022µF	10%	50V
C6152	1-112-229-21	ELECT	1500µF	20%	16V
C6153	1-112-229-21	ELECT	1500µF	20%	16V
C6155	1-114-323-11	CERAMIC CHIP	0.01µF	10%	50V
C6161	1-114-324-11	CERAMIC CHIP	0.022µF	10%	50V
C6200	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V
C6201	1-162-927-11	CERAMIC CHIP	100pF	5%	50V
C6202	1-107-902-11	ELECT	1µF	20%	50V
C6203	1-100-139-31	FILM	0.001µF	5%	630V
C6204	1-107-903-11	ELECT	2.2µF	20%	50V
C6205	1-107-910-11	ELECT	100µF	20%	50V
C6206	1-100-831-91	CERAMIC CHIP	0.001µF	2%	50V
C6250	1-128-949-31	ELECT	470µF	20%	16V
C6251	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V
C6300	1-114-323-11	CERAMIC CHIP	0.01µF	10%	50V
C6301	1-114-323-11	CERAMIC CHIP	0.01µF	10%	50V
C6303	1-100-912-11	CERAMIC CHIP	1µF	10%	25V
C6304	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V
C6305	1-114-326-11	CERAMIC CHIP	0.22µF	10%	25V
C6311	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V
C6317	1-100-831-91	CERAMIC CHIP	0.001µF	2%	50V
C6400	1-114-323-11	CERAMIC CHIP	0.01µF	10%	50V
C6402	1-114-323-11	CERAMIC CHIP	0.01µF	10%	50V
C6407	1-100-912-11	CERAMIC CHIP	1µF	10%	25V
C6408	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V
C6409	1-100-831-91	CERAMIC CHIP	0.001µF	2%	50V
C6410	1-114-323-11	CERAMIC CHIP	0.01µF	10%	50V
C6502	1-107-906-11	ELECT	10µF	20%	50V
C6514	1-112-780-11	CERAMIC CHIP	0.47µF	10%	16V
C6515	1-114-324-11	CERAMIC CHIP	0.022µF	10%	50V
C6516	1-112-481-11	CERAMIC	470pF	10%	1KV
C6517	1-112-481-11	CERAMIC	470pF	10%	1KV
C6519	1-114-322-11	CERAMIC CHIP	0.0047µF	10%	50V
C6520	1-114-323-11	CERAMIC CHIP	0.01µF	10%	50V
C6521	1-114-323-11	CERAMIC CHIP	0.01µF	10%	50V
C6522	1-112-481-11	CERAMIC	470pF	10%	1KV
C6523	1-112-481-11	CERAMIC	470pF	10%	1KV
C6524	1-162-919-11	CERAMIC CHIP	22pF	5%	50V
C6526	1-107-908-11	ELECT	33µF	20%	50V
C6527	1-114-868-11	CERAMIC CHIP	0.1µF	10%	50V
C6550	1-112-744-61	MYLAR	1µF	10%	450V
C6551	1-112-873-11	CERAMIC	100pF	10%	250V
C6552	1-114-747-11	FILM	2.2µF	5%	450V
C6575	1-114-329-11	CERAMIC CHIP	0.47µF	10%	50V
C6576	1-112-241-21	ELECT	1000µF	20%	25V
C6600	1-112-744-61	MYLAR	1µF	10%	450V
C6601	1-100-831-91	CERAMIC CHIP	0.001µF	2%	50V
C6602	1-100-831-91	CERAMIC CHIP	0.001µF	2%	50V
C6605	1-112-744-61	MYLAR	1µF	10%	450V
C6606	1-112-744-61	MYLAR	1µF	10%	450V
C6607	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V
C6701	1-107-882-91	ELECT	100µF	20%	16V
C6703	1-162-927-11	CERAMIC CHIP	100pF	5%	50V
C6704	1-162-927-11	CERAMIC CHIP	100pF	5%	50V
C6707	1-114-813-11	CERAMIC CHIP	1µF	10%	16V
C6708	1-114-813-11	CERAMIC CHIP	1µF	10%	16V
C6710	1-114-339-91	CERAMIC CHIP	3300pF	5%	50V
C6712	1-114-339-91	CERAMIC CHIP	3300pF	5%	50V
C6713	1-114-339-91	CERAMIC CHIP	3300pF	5%	50V
C6714	1-114-339-91	CERAMIC CHIP	3300pF	5%	50V
C6715	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V
C6716	1-112-064-11	CERAMIC CHIP	2.2µF	10%	10V
C6718	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V
C6720	1-127-804-91	CERAMIC CHIP	100pF	1%	50V
C6721	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V
C6722	1-112-781-11	CERAMIC CHIP	1µF	10%	10V
C6723	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V
C6724	1-114-323-11	CERAMIC CHIP	0.01µF	10%	50V
C6725	1-164-217-11	CERAMIC CHIP	150pF	5%	50V
C6726	1-164-315-11	CERAMIC CHIP	470pF	5%	50V
C6727	1-114-323-11	CERAMIC CHIP	0.01µF	10%	50V
C6728	1-114-323-11	CERAMIC CHIP	0.01µF	10%	50V
C6729	1-100-912-11	CERAMIC CHIP	1µF	10%	25V
C6730	1-162-927-11	CERAMIC CHIP	100pF	5%	50V
C6731	1-114-331-11	CERAMIC CHIP	4.7µF	10%	10V
C6732	1-107-882-91	ELECT	100µF	20%	16V
C6733	1-100-912-11	CERAMIC CHIP	1µF	10%	25V
C6734	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C6738	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V
C6740	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V
C6741	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V
C6742	1-107-882-91	ELECT	100µF	20%	16V
C6743	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V
C6744	1-100-831-91	CERAMIC CHIP	0.001µF	2%	50V
C6745	1-112-781-11	CERAMIC CHIP	1µF	10%	10V
C6746	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V
C6749	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V

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IP1

	REF. NO.	PART NO.	DESCRIPTION	VALUES		
	C6750	1-100-831-91	CERAMIC CHIP	0.001µF	2%	50V
	C6751	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V
	C6752	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V
	C6753	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V
	C6754	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V
	C6760	1-114-329-11	CERAMIC CHIP	0.47µF	10%	50V
	C6800	1-112-876-51	CERAMIC	470pF	10%	250V
		CONNECTOR				
*	CN6000	1-793-660-11	PIN, CONNECTOR (PC BOARD)			3P
*	CN6150	1-793-235-11	PIN, CONNECTOR (PC BOARD)			13P
*	CN6151	1-779-944-21	PIN, CONNECTOR (PC BOARD)			4P
*	CN6154	1-785-702-11	PIN, CONNECTOR (PC BOARD)			5P
	CN6700	1-821-935-11	HEADER ASSEMBLY FOR PWB, MDF61			
*	CN6701	1-785-704-11	PIN, CONNECTOR (PC BOARD)			7P
*	CN6701	1-785-704-21	PIN, CONNECTOR (PC BOARD)			7P
		DIODE				
	D6000	8-719-026-63	DIODE	D10XB60S		
	D6001	6-501-817-01	DIODE	MA2J1110GLS0		
	D6003	6-502-318-01	DIODE	MA4J1130GLS0		
	D6103	8-719-979-64	DIODE	UF4005/23		
	D6104	8-719-081-67	DIODE	M1FM3		
	D6201	6-502-380-01	DIODE	AB01BV1		
	D6202	6-501-817-01	DIODE	MA2J1110GLS0		
	D6203	6-500-567-31	DIODE	10ERB20-TB3		
	D6204	6-500-567-31	DIODE	10ERB20-TB3		
	D6250	6-501-526-01	DIODE	D1NS6-TR2		
	D6301	6-501-747-01	DIODE	MAZ8075GMLS0		
	D6400	6-501-774-01	DIODE	MAZ8150G0LS0		
*	D6510	8-719-055-38	DIODE	SF5L60		
	D6511	6-502-378-01	DIODE	MA22F2000LS0		
	D6512	6-501-817-01	DIODE	MA2J1110GLS0		
	D6513	8-719-027-76	DIODE	1SS357-TPH3		
	D6514	6-501-817-01	DIODE	MA2J1110GLS0		
	D6600	8-719-083-57	DIODE	UDZSUSTE-173.6B		
	D6601	8-719-083-57	DIODE	UDZSUSTE-173.6B		
	D6602	6-501-818-01	DIODE	MA2J1130GLS0		
	D6603	6-501-818-01	DIODE	MA2J1130GLS0		
	D6606	6-501-848-01	DIODE	S3K60		
	D6607	6-501-848-01	DIODE	S3K60		
	D6608	6-501-848-01	DIODE	S3K60		
	D6609	6-501-848-01	DIODE	S3K60		

	REF. NO.	PART NO.	DESCRIPTION	VALUES	
	D6702	6-502-318-01	DIODE	MA4J1130GLS0	
	D6703	6-502-318-01	DIODE	MA4J1130GLS0	
	D6704	6-501-724-01	DIODE	MAZ8047G0LS0	
	D6705	6-501-724-01	DIODE	MAZ8047G0LS0	
	D6706	6-502-318-01	DIODE	MA4J1130GLS0	
	D6707	6-501-740-01	DIODE	MAZ8068G0LS0	
	D6708	6-501-740-01	DIODE	MAZ8068G0LS0	
		FUSE			
⚠	F6001	1-523-043-51	FUSE	6.3MA	250V
		FERRITE BEAD			
	FB6100	1-412-911-11	FERRITE	0µH	
	FB6101	1-412-911-11	FERRITE	0µH	
	FB6504	1-412-911-11	FERRITE	0µH	
	FB6600	1-410-396-41	FERRITE	0.45µH	
	FB6601	1-410-396-41	FERRITE	0.45µH	
	FB6602	1-410-396-41	FERRITE	0.45µH	
	FB6603	1-410-396-41	FERRITE	0.45µH	
	FB6700	1-414-793-21	FERRITE	0µH	
	FB6701	1-414-793-21	FERRITE	0µH	
	FB6800	1-412-911-11	FERRITE	0µH	
		IC			
	IC6101	6-711-947-01	IC	MM1431CURE	
	IC6200	6-708-801-01	IC	MIP2H2	
	IC6300	6-713-007-01	IC	MM3313AFFE	
	IC6501	6-709-192-01	IC	FA5501AN-D1-TE1	
⚠	IC6701	6-702-877-01	IC	LD1117S50TR	
		CHIP CONDUCTOR			
	JR605	1-216-296-11	SHORT CHIP		
	JR606	1-216-864-11	SHORT CHIP		
	JR607	1-216-864-11	SHORT CHIP		
	JR608	1-216-296-11	SHORT CHIP		
	JR609	1-216-296-11	SHORT CHIP		
	JR610	1-216-295-91	SHORT CHIP		
	JR611	1-216-296-11	SHORT CHIP		
	JR612	1-216-296-11	SHORT CHIP		
	JR613	1-216-864-11	SHORT CHIP		
	JR614	1-216-296-11	SHORT CHIP		
	JR615	1-216-864-11	SHORT CHIP		
	JR616	1-216-296-11	SHORT CHIP		
	JR617	1-216-296-11	SHORT CHIP		
	JR618	1-216-296-11	SHORT CHIP		
	JR619	1-216-864-11	SHORT CHIP		

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IP1

REF. NO.	PART NO.	DESCRIPTION	VALUES
JR620	1-216-296-11	SHORT CHIP	
JR621	1-216-296-11	SHORT CHIP	
JR622	1-216-296-11	SHORT CHIP	
JR623	1-216-296-11	SHORT CHIP	
JR624	1-216-864-11	SHORT CHIP	
JR625	1-216-296-11	SHORT CHIP	
JR626	1-216-296-11	SHORT CHIP	
JR628	1-216-296-11	SHORT CHIP	
JR629	1-216-296-11	SHORT CHIP	
JR630	1-216-296-11	SHORT CHIP	
JR631	1-216-296-11	SHORT CHIP	
JR632	1-216-296-11	SHORT CHIP	
JR633	1-216-296-11	SHORT CHIP	
JR634	1-216-296-11	SHORT CHIP	
JR635	1-216-296-11	SHORT CHIP	
JR636	1-216-296-11	SHORT CHIP	
JR637	1-216-864-11	SHORT CHIP	
JR638	1-216-296-11	SHORT CHIP	
JR639	1-216-296-11	SHORT CHIP	
JR640	1-216-296-11	SHORT CHIP	
JR641	1-216-296-11	SHORT CHIP	
JR642	1-216-296-11	SHORT CHIP	
JR646	1-216-296-11	SHORT CHIP	
JR648	1-216-864-11	SHORT CHIP	
	COIL		
L6000	1-457-472-11	LINE FILTER COIL	
L6151	1-406-657-11	INDUCTOR	4.7µH
L6400	1-414-183-41	INDUCTOR	10µH
L6501	1-457-776-11	INDUCTOR	165µH
L6550	1-457-626-11	INDUCTOR	260µH
L6600	1-412-537-31	INDUCTOR	100µH
L6601	1-419-622-11	COIL, LINE FILTER	
	PHOTO COUPLER		
PH6100	6-600-276-01	PHOTO COUPLER	PS2561AL1-1-V-W
PH6200	6-600-276-01	PHOTO COUPLER	PS2561AL1-1-V-W
PH6300	6-600-276-01	PHOTO COUPLER	PS2561AL1-1-V-W
PH6302	6-600-276-01	PHOTO COUPLER	PS2561AL1-1-V-W
	TRANSISTOR		
Q6300	6-551-678-01	TRANSISTOR	2SA1364-T111-1DE
Q6302	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF
Q6305	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF
Q6400	6-551-866-01	TRANSISTOR	RT1N14BC-TP-1
Q6402	6-551-865-01	TRANSISTOR	RT1P14BC-TP-1

REF. NO.	PART NO.	DESCRIPTION	VALUES
Q6403	6-551-866-01	TRANSISTOR	RT1N14BC-TP-1
Q6404	6-551-866-01	TRANSISTOR	RT1N14BC-TP-1
Q6406	6-551-714-01	TRANSISTOR	INK0001AC1-T112A-1
⚠ Q6502	6-551-678-01	TRANSISTOR	2SA1364-T111-1DE
Q6600	6-551-678-01	TRANSISTOR	2SA1364-T111-1DE
Q6601	6-551-678-01	TRANSISTOR	2SA1364-T111-1DE
⚠ Q6602	6-552-206-01	TRANSISTOR	TK10A60D
⚠ Q6603	6-552-206-01	TRANSISTOR	TK10A60D
Q6702	6-551-961-01	TRANSISTOR	INK0002AC1-T130A-1
Q6703	6-551-961-01	TRANSISTOR	INK0002AC1-T130A-1
Q6704	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF
Q6705	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF
Q6706	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF
Q6708	8-729-055-50	TRANSISTOR	2SC4357-T11-1E
Q6709	6-551-678-01	TRANSISTOR	2SA1364-T111-1DE
Q6710	8-729-055-50	TRANSISTOR	2SC4357-T11-1E
Q6711	6-551-678-01	TRANSISTOR	2SA1364-T111-1DE
	RESISTOR		
R6010	1-216-857-11	METAL CHIP	1M 5% 1/10W
R6011	1-216-857-11	METAL CHIP	1M 5% 1/10W
R6015	1-246-389-11	METAL CHIP	560K 0.50% 1/4W
⚠ R6016	1-246-385-11	WIREWOUND	6.8 5% 8/5W
R6017	1-208-830-11	METAL CHIP	100K 0.50% 1/10W
R6018	1-208-846-11	METAL CHIP	470K 0.50% 1/10W
R6019	1-246-389-11	METAL CHIP	560K 0.50% 1/4W
R6100	1-218-899-11	METAL CHIP	150K 0.50% 1/16W
R6102	1-218-823-11	METAL CHIP	100 0.50% 1/10W
R6103	1-218-873-11	METAL CHIP	12K 0.50% 1/10W
R6109	1-208-828-11	METAL CHIP	82K 0.50% 1/10W
R6111	1-218-903-11	METAL CHIP	220K 0.50% 1/10W
R6114	1-211-981-11	METAL CHIP	33 0.50% 1/10W
R6115	1-216-021-00	METAL CHIP	68 5% 1/10W
R6116	1-216-021-00	METAL CHIP	68 5% 1/10W
R6117	1-216-833-11	METAL CHIP	10K 5% 1/10W
R6118	1-216-833-11	METAL CHIP	10K 5% 1/10W
R6120	1-216-361-00	METAL OXIDE	0.22 5% 2W
R6121	1-218-855-11	METAL CHIP	2.2K 0.50% 1/10W
R6123	1-216-361-00	METAL OXIDE	0.22 5% 2W
R6124	1-218-827-11	METAL CHIP	150 0.50% 1/10W
R6150	1-216-819-11	METAL CHIP	680 5% 1/10W
R6151	1-216-821-11	METAL CHIP	1K 5% 1/10W
R6152	1-216-821-11	METAL CHIP	1K 5% 1/10W
R6153	1-216-864-11	SHORT CHIP	

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IP1

REF. NO.	PART NO.	DESCRIPTION	VALUES		
R6154	1-218-877-11	METAL CHIP	18K	0.50%	1/10W
R6155	1-218-823-11	METAL CHIP	100	0.50%	1/10W
R6156	1-218-863-11	METAL CHIP	4.7K	0.50%	1/10W
R6157	1-216-841-11	METAL CHIP	47K	5%	1/10W
R6158	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6159	1-216-793-11	METAL CHIP	4.7	5%	1/10W
R6200	1-246-188-51	FUSIBLE	10	5%	1/2W
R6201	1-218-865-11	METAL CHIP	5.6K	0.50%	1/10W
R6202	1-243-725-71	METAL OXIDE	100K	5%	1W
R6203	1-249-385-11	CARBON	2.2	5%	1/4W
R6250	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6251	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R6252	1-216-805-11	METAL CHIP	47	5%	1/10W
R6253	1-218-887-11	METAL CHIP	47K	0.50%	1/10W
R6254	1-218-871-11	METAL CHIP	10K	0.50%	1/10W
R6255	1-218-867-11	METAL CHIP	6.8K	0.50%	1/10W
R6300	1-216-857-11	METAL CHIP	1M	5%	1/10W
R6301	1-218-905-11	METAL CHIP	270K	0.50%	1/10W
R6302	1-216-857-11	METAL CHIP	1M	5%	1/10W
R6303	1-218-891-11	METAL CHIP	68K	0.50%	1/10W
R6305	1-216-864-11	SHORT CHIP			
R6306	1-218-867-11	METAL CHIP	6.8K	0.50%	1/10W
R6307	1-216-837-11	METAL CHIP	22K	5%	1/10W
R6308	1-218-867-11	METAL CHIP	6.8K	0.50%	1/10W
R6309	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6310	1-216-837-11	METAL CHIP	22K	5%	1/10W
R6311	1-216-841-11	METAL CHIP	47K	5%	1/10W
R6312	1-218-891-11	METAL CHIP	68K	0.50%	1/10W
R6313	1-218-913-91	METAL CHIP	560K	0.50%	1/10W
R6314	1-218-891-11	METAL CHIP	68K	0.50%	1/10W
R6316	1-218-897-11	METAL CHIP	120K	0.50%	1/10W
R6319	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6322	1-218-899-11	METAL CHIP	150K	0.50%	1/16W
R6323	1-208-845-11	METAL CHIP	430K	0.50%	1/10W
R6324	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6329	1-249-385-11	CARBON	2.2	5%	1/4W
R6333	1-216-809-11	METAL CHIP	100	5%	1/10W
R6334	1-216-805-11	METAL CHIP	47	5%	1/10W
R6335	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R6336	1-216-863-11	METAL CHIP	3.3M	5%	1/10W
R6337	1-245-118-91	METAL CHIP	2.2M	0.50%	1/10W
R6400	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6403	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6405	1-216-839-11	METAL CHIP	33K	5%	1/10W
R6406	1-216-817-11	METAL CHIP	470	5%	1/10W

REF. NO.	PART NO.	DESCRIPTION	VALUES		
R6407	1-216-839-11	METAL CHIP	33K	5%	1/10W
R6410	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6414	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6417	1-216-809-11	METAL CHIP	100	5%	1/10W
R6418	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6421	1-216-821-11	METAL CHIP	1K	5%	1/10W
⚠ R6500	1-220-926-81	FUSIBLE	0.47	10%	1/2W
R6501	1-208-814-91	METAL CHIP	22K	0.50%	1/10W
R6502	1-249-401-11	CARBON	47	5%	1/4W
R6503	1-218-913-91	METAL CHIP	560K	0.50%	1/10W
R6510	1-218-871-11	METAL CHIP	10K	0.50%	1/10W
R6512	1-216-864-11	SHORT CHIP			
R6513	1-215-882-00	METAL OXIDE	22	5%	2W
R6514	1-218-885-11	METAL CHIP	39K	0.50%	1/10W
R6516	1-246-388-11	METAL	0.1	5%	5W
R6517	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6518	1-216-797-11	METAL CHIP	10	5%	1/10W
R6520	1-216-805-11	METAL CHIP	47	5%	1/10W
R6523	1-216-809-11	METAL CHIP	100	5%	1/10W
R6524	1-215-882-00	METAL OXIDE	22	5%	2W
R6525	1-249-397-11	CARBON	22	5%	1/4W
R6527	1-208-814-91	METAL CHIP	22K	0.50%	1/10W
R6528	1-216-851-11	METAL CHIP	330K	5%	1/10W
R6529	1-216-837-11	METAL CHIP	22K	5%	1/10W
R6530	1-216-845-11	METAL CHIP	100K	5%	1/10W
R6531	1-216-809-11	METAL CHIP	100	5%	1/10W
R6532	1-218-893-11	METAL CHIP	82K	0.50%	1/10W
R6534	1-208-850-11	METAL CHIP	680K	0.50%	1/10W
R6535	1-208-846-11	METAL CHIP	470K	0.50%	1/10W
R6536	1-208-842-11	METAL CHIP	330K	0.50%	1/10W
R6538	1-218-887-11	METAL CHIP	47K	0.50%	1/10W
R6558	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6559	1-249-401-11	CARBON	47	5%	1/4W
R6562	1-216-864-11	SHORT CHIP			
R6563	1-218-895-11	METAL CHIP	100K	0.50%	1/10W
R6602	1-216-021-00	METAL CHIP	68	5%	1/10W
R6605	1-216-021-00	METAL CHIP	68	5%	1/10W
R6606	1-216-049-11	METAL CHIP	1K	5%	1/10W
R6607	1-216-049-11	METAL CHIP	1K	5%	1/10W
R6608	1-216-049-11	METAL CHIP	1K	5%	1/10W
R6609	1-216-049-11	METAL CHIP	1K	5%	1/10W
R6611	1-216-793-11	METAL CHIP	4.7	5%	1/10W
R6613	1-216-793-11	METAL CHIP	4.7	5%	1/10W
R6614	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6615	1-216-833-11	METAL CHIP	10K	5%	1/10W

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IP1 IP2

REF. NO.	PART NO.	DESCRIPTION	VALUES		
R6616	1-216-857-11	METAL CHIP	1M	5%	1/10W
⚠ R6700	1-216-793-11	METAL CHIP	4.7	5%	1/10W
R6703	1-216-793-11	METAL CHIP	4.7	5%	1/10W
R6704	1-216-793-11	METAL CHIP	4.7	5%	1/10W
R6707	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6708	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6709	1-218-895-11	METAL CHIP	100K	0.50%	1/10W
R6710	1-216-864-11	SHORT CHIP			
R6711	1-216-864-11	SHORT CHIP			
R6712	1-218-863-11	METAL CHIP	4.7K	0.50%	1/10W
R6713	1-249-417-11	CARBON	1K	5%	1/4W
R6714	1-218-883-11	METAL CHIP	33K	0.50%	1/10W
R6716	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R6719	1-218-879-11	METAL CHIP	22K	0.50%	1/10W
R6720	1-218-851-11	METAL CHIP	1.5K	0.50%	1/10W
R6721	1-218-861-11	METAL CHIP	3.9K	0.50%	1/10W
R6722	1-218-885-11	METAL CHIP	39K	0.50%	1/10W
R6724	1-218-871-11	METAL CHIP	10K	0.50%	1/10W
R6726	1-211-981-11	METAL CHIP	33	0.50%	1/10W
R6727	1-211-981-11	METAL CHIP	33	0.50%	1/10W
R6728	1-211-981-11	METAL CHIP	33	0.50%	1/10W
R6729	1-211-981-11	METAL CHIP	33	0.50%	1/10W
R6732	1-211-985-11	METAL CHIP	47	0.50%	1/10W
R6733	1-211-985-11	METAL CHIP	47	0.50%	1/10W
R6734	1-211-985-11	METAL CHIP	47	0.50%	1/10W
R6735	1-218-875-11	METAL CHIP	15K	0.50%	1/10W
R6736	1-216-864-11	SHORT CHIP			
R6737	1-218-863-11	METAL CHIP	4.7K	0.50%	1/10W
R6741	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6742	1-216-864-11	SHORT CHIP			
R6743	1-216-864-11	SHORT CHIP			
R6745	1-218-871-11	METAL CHIP	10K	0.50%	1/10W
R6746	1-249-417-11	CARBON	1K	5%	1/4W
R6747	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R6748	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6749	1-218-905-11	METAL CHIP	270K	0.50%	1/10W
R6750	1-218-883-11	METAL CHIP	33K	0.50%	1/10W
R6751	1-218-895-11	METAL CHIP	100K	0.50%	1/10W
R6753	1-218-847-11	METAL CHIP	1K	0.50%	1/10W
R6754	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6756	1-218-895-11	METAL CHIP	100K	0.50%	1/10W
R6757	1-218-871-11	METAL CHIP	10K	0.50%	1/10W
R6758	1-216-841-11	METAL CHIP	47K	5%	1/10W
R6759	1-218-847-11	METAL CHIP	1K	0.50%	1/10W
R6760	1-218-895-11	METAL CHIP	100K	0.50%	1/10W
R6761	1-218-871-11	METAL CHIP	10K	0.50%	1/10W
R6762	1-218-887-11	METAL CHIP	47K	0.50%	1/10W
R6763	1-218-871-11	METAL CHIP	10K	0.50%	1/10W
R6764	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R6765	1-216-793-11	METAL CHIP	4.7	5%	1/10W
⚠ R6766	1-218-446-11	METAL CHIP	1	5%	1/10W
R6767	1-249-417-11	CARBON	1K	5%	1/4W
R6768	1-216-809-11	METAL CHIP	100	5%	1/10W
R6769	1-249-417-11	CARBON	1K	5%	1/4W
R6770	1-216-809-11	METAL CHIP	100	5%	1/10W

RELAY

RY6000	1-755-516-11	RELAY (AC POWER)	

TRANSFORMER

T6101	1-445-426-11	CONVERTER TRANSFORMER (PIT)	
T6200	1-443-984-21	CONVERTER TRANSFORMER (SBT)	
T6800	1-445-419-21	TRANSFORMER, DRIVE	

THERMISTOR

TH6300	1-809-789-71	THERMISTOR, POSITIVE	KD

VARISTOR

VD6000	1-804-996-21	VARISTOR
VD6001	1-804-996-21	VARISTOR

IP2

*	**A-1660-728-A**	**IP2 BOARD, COMPLETE (KDL-46S5100 ONLY)**
	2-580-592-01	SCREW, +PSW M3X8
	7-322-065-48	RUBBER, SILICONE RTV (KE-3490)

CAPACITOR

C6003	1-114-595-11	FILM	0.47µF	10%	310V
C6006	1-112-876-51	CERAMIC	470pF	10%	250V
C6007	1-112-874-51	CERAMIC	220pF	10%	250V
C6010	1-112-876-51	CERAMIC	470pF	10%	250V
C6011	1-112-874-51	CERAMIC	220pF	10%	250V
C6018	1-114-594-11	FILM	0.22µF	10%	310V
C6020	1-114-323-11	CERAMIC CHIP	0.01µF	10%	50V
C6024	1-112-876-51	CERAMIC	470pF	10%	250V
C6100	1-114-323-11	CERAMIC CHIP	0.01µF	10%	50V
C6101	1-100-831-91	CERAMIC CHIP	0.001µF	2%	50V
C6102	1-107-906-11	ELECT	10µF	20%	50V
C6103	1-107-905-11	ELECT	4.7µF	20%	50V
C6105	1-100-912-11	CERAMIC CHIP	1µF	10%	25V

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IP2

REF. NO.	PART NO.	DESCRIPTION	VALUES		
C6106	1-114-323-11	CERAMIC CHIP	0.01µF	10%	50V
C6108	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V
C6110	1-112-481-11	CERAMIC	470pF	10%	1KV
C6111	1-100-732-11	FILM	18000pF	3%	1KV
C6113	1-114-868-11	CERAMIC CHIP	0.1µF	10%	50V
C6119	1-100-912-11	CERAMIC CHIP	1µF	10%	25V
C6150	1-114-328-11	CERAMIC CHIP	0.047µF	10%	50V
C6151	1-114-324-11	CERAMIC CHIP	0.022µF	10%	50V
C6152	1-112-229-21	ELECT	1500µF	20%	16V
C6153	1-112-229-21	ELECT	1500µF	20%	16V
C6155	1-114-323-11	CERAMIC CHIP	0.01µF	10%	50V
C6160	1-112-241-21	ELECT	1000µF	20%	25V
C6161	1-114-324-11	CERAMIC CHIP	0.022µF	10%	50V
C6200	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V
C6201	1-162-927-11	CERAMIC CHIP	100pF	5%	50V
C6202	1-107-902-11	ELECT	1µF	20%	50V
C6203	1-100-139-31	FILM	0.001µF	5%	630V
C6204	1-107-903-11	ELECT	2.2µF	20%	50V
C6205	1-107-910-11	ELECT	100µF	20%	50V
C6206	1-100-831-91	CERAMIC CHIP	0.001µF	2%	50V
C6250	1-128-949-31	ELECT	470µF	20%	16V
C6251	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V
C6300	1-114-323-11	CERAMIC CHIP	0.01µF	10%	50V
C6301	1-114-814-11	CERAMIC CHIP	0.33µF	10%	25V
C6302	1-114-323-11	CERAMIC CHIP	0.01µF	10%	50V
C6303	1-100-912-11	CERAMIC CHIP	1µF	10%	25V
C6304	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V
C6311	1-114-868-11	CERAMIC CHIP	0.1µF	10%	50V
C6317	1-100-831-91	CERAMIC CHIP	0.001µF	2%	50V
C6400	1-114-323-11	CERAMIC CHIP	0.01µF	10%	50V
C6402	1-114-323-11	CERAMIC CHIP	0.01µF	10%	50V
C6407	1-100-912-11	CERAMIC CHIP	1µF	10%	25V
C6408	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V
C6409	1-100-831-91	CERAMIC CHIP	0.001µF	2%	50V
C6410	1-114-323-11	CERAMIC CHIP	0.01µF	10%	50V
C6504	1-100-831-91	CERAMIC CHIP	0.001µF	2%	50V
C6507	1-107-906-11	ELECT	10µF	20%	50V
C6508	1-114-322-11	CERAMIC CHIP	0.0047µF	10%	50V
C6509	1-114-322-11	CERAMIC CHIP	0.0047µF	10%	50V
C6513	1-114-326-11	CERAMIC CHIP	0.22µF	10%	25V
C6518	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V
C6519	1-107-908-11	ELECT	33µF	20%	50V
C6522	1-114-329-11	CERAMIC CHIP	0.47µF	10%	50V
C6523	1-107-906-11	ELECT	10µF	20%	50V
C6525	1-107-906-11	ELECT	10µF	20%	50V
C6531	1-162-919-11	CERAMIC CHIP	22pF	5%	50V
C6532	1-162-919-11	CERAMIC CHIP	22pF	5%	50V
C6550	1-112-744-61	MYLAR	1µF	10%	450V
C6551	1-112-873-11	CERAMIC	100pF	10%	250V
C6552	1-114-745-11	FILM	1µF	5%	450V
C6559	1-112-481-11	CERAMIC	470pF	10%	1KV
C6560	1-112-481-11	CERAMIC	470pF	10%	1KV
C6561	1-112-481-11	CERAMIC	470pF	10%	1KV
C6562	1-112-481-11	CERAMIC	470pF	10%	1KV
C6568	1-112-481-11	CERAMIC	470pF	10%	1KV
C6569	1-112-481-11	CERAMIC	470pF	10%	1KV
C6570	1-112-481-11	CERAMIC	470pF	10%	1KV
C6571	1-112-481-11	CERAMIC	470pF	10%	1KV
C6574	1-114-293-11	ELECT(BLOCK)	220µF	20%	450V
C6575	1-114-329-11	CERAMIC CHIP	0.47µF	10%	50V
C6576	1-107-904-11	ELECT	3.3µF	20%	50V
C6577	1-114-328-11	CERAMIC CHIP	0.047µF	10%	50V
C6578	1-112-527-91	CERAMIC CHIP	680pF	2%	50V
C6600	1-112-744-61	MYLAR	1µF	10%	450V
C6601	1-100-831-91	CERAMIC CHIP	0.001µF	2%	50V
C6602	1-100-831-91	CERAMIC CHIP	0.001µF	2%	50V
C6605	1-112-744-61	MYLAR	1µF	10%	450V
C6606	1-112-744-61	MYLAR	1µF	10%	450V
C6607	1-114-868-11	CERAMIC CHIP	0.1µF	10%	50V
C6608	1-114-868-11	CERAMIC CHIP	0.1µF	10%	50V
C6701	1-107-882-91	ELECT	100µF	20%	16V
C6703	1-162-927-11	CERAMIC CHIP	100pF	5%	50V
C6704	1-162-927-11	CERAMIC CHIP	100pF	5%	50V
C6707	1-114-323-11	CERAMIC CHIP	0.01µF	10%	50V
C6708	1-114-323-11	CERAMIC CHIP	0.01µF	10%	50V
C6710	1-114-339-91	CERAMIC CHIP	3300pF	5%	50V
C6712	1-114-339-91	CERAMIC CHIP	3300pF	5%	50V
C6713	1-114-339-91	CERAMIC CHIP	3300pF	5%	50V
C6714	1-114-339-91	CERAMIC CHIP	3300pF	5%	50V
C6715	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V
C6716	1-112-064-11	CERAMIC CHIP	2.2µF	10%	10V
C6718	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V
C6720	1-127-804-91	CERAMIC CHIP	100pF	1%	50V
C6721	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V
C6722	1-112-781-11	CERAMIC CHIP	1µF	10%	10V
C6723	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V
C6724	1-114-323-11	CERAMIC CHIP	0.01µF	10%	50V
C6725	1-164-230-11	CERAMIC CHIP	220pF	5%	50V
C6726	1-164-315-11	CERAMIC CHIP	470pF	5%	50V
C6727	1-114-323-11	CERAMIC CHIP	0.01µF	10%	50V

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IP2

	REF. NO.	PART NO.	DESCRIPTION	VALUES		
	C6728	1-114-323-11	CERAMIC CHIP	0.01µF	10%	50V
	C6729	1-100-912-11	CERAMIC CHIP	1µF	10%	25V
	C6730	1-162-927-11	CERAMIC CHIP	100pF	5%	50V
	C6731	1-114-331-11	CERAMIC CHIP	4.7µF	10%	10V
	C6732	1-107-882-91	ELECT	100µF	20%	16V
	C6733	1-100-912-11	CERAMIC CHIP	1µF	10%	25V
	C6734	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
	C6737	1-114-868-11	CERAMIC CHIP	0.1µF	10%	50V
	C6740	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V
	C6741	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V
	C6742	1-107-882-91	ELECT	100µF	20%	16V
	C6743	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V
	C6744	1-100-831-91	CERAMIC CHIP	0.001µF	2%	50V
	C6745	1-112-781-11	CERAMIC CHIP	1µF	10%	10V
	C6746	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V
	C6747	1-100-831-91	CERAMIC CHIP	0.001µF	2%	50V
	C6748	1-114-323-11	CERAMIC CHIP	0.01µF	10%	50V
	C6749	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V
	C6750	1-100-831-91	CERAMIC CHIP	0.001µF	2%	50V
	C6751	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V
	C6752	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V
	C6753	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V
	C6754	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V
	C6760	1-114-329-11	CERAMIC CHIP	0.47µF	10%	50V

CONNECTOR

*	CN6000	1-793-660-11	PIN, CONNECTOR (PC BOARD)	3P
*	CN6150	1-793-235-11	PIN, CONNECTOR (PC BOARD)	13P
*	CN6151	1-779-944-21	PIN, CONNECTOR (PC BOARD)	4P
	CN6154	1-785-702-21	PIN, CONNECTOR (PC BOARD)	5P
	CN6700	1-821-935-11	HEADER ASSEMBLY FOR PWB, MDF61	
*	CN6701	1-785-704-21	PIN, CONNECTOR (PC BOARD)	7P

DIODE

D6000	8-719-026-63	DIODE	D10XB60S
D6001	6-501-817-01	DIODE	MA2J1110GLS0
D6003	6-502-318-01	DIODE	MA4J1130GLS0
D6103	8-719-979-64	DIODE	UF4005/23
D6104	8-719-081-67	DIODE	M1FM3
D6201	6-502-380-01	DIODE	AB01BV1
D6203	6-500-567-31	DIODE	10ERB20-TB3
D6204	6-500-567-31	DIODE	10ERB20-TB3
D6250	6-501-526-01	DIODE	D1NS6-TR2
D6302	6-501-737-01	DIODE	MAZ8062GLLS0
D6305	6-502-318-01	DIODE	MA4J1130GLS0
D6400	6-501-774-01	DIODE	MAZ8150G0LS0

REF. NO.	PART NO.	DESCRIPTION	VALUES
D6500	6-502-378-01	DIODE	MA22F2000LS0
D6501	6-502-378-01	DIODE	MA22F2000LS0
D6503	6-501-817-01	DIODE	MA2J1110GLS0
D6504	6-501-817-01	DIODE	MA2J1110GLS0
D6508	6-501-732-01	DIODE	MAZ8056G0LS0
D6555	6-501-848-01	DIODE	S3K60
D6556	6-501-848-01	DIODE	S3K60
D6600	8-719-083-57	DIODE	UDZSUSTE-173.6B
D6601	8-719-083-57	DIODE	UDZSUSTE-173.6B
D6602	6-501-818-01	DIODE	MA2J1130GLS0
D6603	6-501-818-01	DIODE	MA2J1130GLS0
D6606	6-502-376-01	DIODE	FSF03B60
D6607	6-502-376-01	DIODE	FSF03B60
D6608	6-501-848-01	DIODE	S3K60
D6609	6-501-848-01	DIODE	S3K60
D6702	6-502-318-01	DIODE	MA4J1130GLS0
D6703	6-502-318-01	DIODE	MA4J1130GLS0
D6704	6-501-724-01	DIODE	MAZ8047G0LS0
D6705	6-501-724-01	DIODE	MAZ8047G0LS0
D6706	6-502-318-01	DIODE	MA4J1130GLS0
D6707	6-501-740-01	DIODE	MAZ8068G0LS0
D6708	6-501-740-01	DIODE	MAZ8068G0LS0
D6709	6-501-817-01	DIODE	MA2J1110GLS0
D6710	6-501-817-01	DIODE	MA2J1110GLS0
D6711	6-501-817-01	DIODE	MA2J1110GLS0
D6712	6-501-817-01	DIODE	MA2J1110GLS0

FUSE

⚠ F6001	1-523-043-51	FUSE	6.3MA	250V

FERRITE BEAD

FB6100	1-412-911-11	FERRITE	0µH
FB6101	1-412-911-11	FERRITE	0µH
FB6500	1-412-911-11	FERRITE	0µH
FB6502	1-481-544-11	FERRITE	0µH
FB6503	1-481-544-11	FERRITE	0µH
FB6504	1-412-911-11	FERRITE	0µH
FB6600	1-410-396-41	FERRITE	0.45µH
FB6601	1-410-396-41	FERRITE	0.45µH
FB6602	1-410-396-41	FERRITE	0.45µH
FB6603	1-410-396-41	FERRITE	0.45µH
FB6700	1-414-793-21	FERRITE	0µH
FB6701	1-414-793-21	FERRITE	0µH

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IP2

REF. NO.	PART NO.	DESCRIPTION	VALUES
	IC		
IC6101	6-711-947-01	IC	MM1431CURE
IC6200	6-708-801-01	IC	MIP2H2
IC6501	6-713-007-01	IC	MM3313AFFE
⚠ IC6701	6-702-877-01	IC	LD1117S50TR
	CHIP CONDUCTOR		
JR602	1-216-864-11	SHORT CHIP	
JR6001	1-216-296-11	SHORT CHIP	
JR6002	1-216-296-11	SHORT CHIP	
JR6004	1-216-296-11	SHORT CHIP	
JR6005	1-216-296-11	SHORT CHIP	
JR6006	1-216-295-91	SHORT CHIP	
JR6007	1-216-296-11	SHORT CHIP	
JR6008	1-216-295-91	SHORT CHIP	
JR6009	1-216-296-11	SHORT CHIP	
JR6010	1-216-295-91	SHORT CHIP	
JR6011	1-216-295-91	SHORT CHIP	
JR6012	1-216-296-11	SHORT CHIP	
JR6013	1-216-296-11	SHORT CHIP	
JR6014	1-216-864-11	SHORT CHIP	
JR6016	1-216-295-91	SHORT CHIP	
JR6017	1-216-296-11	SHORT CHIP	
JR6018	1-216-295-91	SHORT CHIP	
JR6019	1-216-295-91	SHORT CHIP	
JR6021	1-216-295-91	SHORT CHIP	
JR6022	1-216-864-11	SHORT CHIP	
JR6023	1-216-296-11	SHORT CHIP	
JR6024	1-216-295-91	SHORT CHIP	
JR6101	1-216-295-91	SHORT CHIP	
JR6102	1-216-296-11	SHORT CHIP	
JR6105	1-216-296-11	SHORT CHIP	
JR6106	1-216-295-91	SHORT CHIP	
JR6151	1-216-295-91	SHORT CHIP	
JR6152	1-216-295-91	SHORT CHIP	
JR6153	1-216-296-11	SHORT CHIP	
JR6154	1-216-296-11	SHORT CHIP	
JR6155	1-216-296-11	SHORT CHIP	
JR6156	1-216-295-91	SHORT CHIP	
JR6157	1-216-295-91	SHORT CHIP	
JR6158	1-216-295-91	SHORT CHIP	
JR6160	1-216-296-11	SHORT CHIP	
JR6161	1-216-296-11	SHORT CHIP	
JR6162	1-216-864-11	SHORT CHIP	
JR6164	1-216-295-91	SHORT CHIP	
JR6165	1-216-295-91	SHORT CHIP	
JR6166	1-216-296-11	SHORT CHIP	
JR6167	1-216-295-91	SHORT CHIP	
JR6767	1-216-296-11	SHORT CHIP	
JR6768	1-216-296-11	SHORT CHIP	
JR6769	1-216-296-11	SHORT CHIP	
JR6770	1-216-295-91	SHORT CHIP	
	COIL		
L6000	1-457-691-11	LINE FILTER COIL	
L6001	1-457-691-11	LINE FILTER	COIL
L6151	1-406-657-11	INDUCTOR	4.7µH
L6400	1-414-183-41	INDUCTOR	10µH
L6550	1-457-626-11	INDUCTOR	260µH
L6600	1-412-537-31	INDUCTOR	100µH
L6601	1-419-622-11	COIL, LINE FILTER	
L6700	1-412-537-31	INDUCTOR	100µH
	PHOTO COUPLER		
PH6100	6-600-276-01	PHOTO COUPLER	PS2561AL1-1-V-W
PH6200	6-600-276-01	PHOTO COUPLER	PS2561AL1-1-V-W
PH6300	6-600-276-01	PHOTO COUPLER	PS2561AL1-1-V-W
PH6302	6-600-276-01	PHOTO COUPLER	PS2561AL1-1-V-W
	TRANSISTOR		
Q6300	8-729-804-41	TRANSISTOR	2SB1122-S
Q6302	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF
Q6305	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF
Q6400	6-551-866-01	TRANSISTOR	RT1N14BC-TP-1
Q6402	6-551-865-01	TRANSISTOR	RT1P14BC-TP-1
Q6403	6-551-866-01	TRANSISTOR	RT1N14BC-TP-1
Q6404	6-551-866-01	TRANSISTOR	RT1N14BC-TP-1
Q6406	6-551-714-01	TRANSISTOR	INK0001AC1-T112A-1
Q6504	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF
Q6505	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF
Q6507	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF
Q6551	6-551-336-01	TRANSISTOR	2SK3934(LBS1SONY.Q
Q6552	6-551-336-01	TRANSISTOR	2SK3934(LBS1SONY.Q
Q6600	8-729-804-41	TRANSISTOR	2SB1122-S
Q6601	8-729-804-41	TRANSISTOR	2SB1122-S
Q6602	6-551-713-01	TRANSISTOR	2SK3569(LBS1SONY.Q
Q6603	6-551-713-01	TRANSISTOR	2SK3569(LBS1SONY.Q
Q6702	6-551-714-01	TRANSISTOR	INK0001AC1-T112A-1
Q6703	6-551-714-01	TRANSISTOR	INK0001AC1-T112A-1
Q6704	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF

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REF. NO.	PART NO.	DESCRIPTION	VALUES		
Q6705	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF		
Q6706	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF		
Q6708	8-729-820-90	TRANSISTOR	2SD1621-ST		
Q6709	8-729-804-41	TRANSISTOR	2SB1122-S		
Q6710	8-729-820-90	TRANSISTOR	2SD1621-ST		
Q6711	8-729-804-41	TRANSISTOR	2SB1122-S		
		RESISTOR			
R6009	1-218-892-11	METAL CHIP	75K	0.50%	1/10W
R6011	1-216-857-11	METAL CHIP	1M	5%	1/10W
R6014	1-208-846-11	METAL CHIP	470K	0.50%	1/10W
R6015	1-246-389-11	METAL CHIP	560K	0.50%	1/4W
⚠ R6016	1-246-385-11	WIREWOUND	6.8	5%	8/5W
R6017	1-208-830-11	METAL CHIP	100K	0.50%	1/10W
R6018	1-208-846-11	METAL CHIP	470K	0.50%	1/10W
R6019	1-246-389-11	METAL CHIP	560K	0.50%	1/4W
R6100	1-218-899-11	METAL CHIP	150K	0.50%	1/16W
R6102	1-218-823-11	METAL CHIP	100	0.50%	1/10W
R6103	1-218-873-11	METAL CHIP	12K	0.50%	1/10W
R6109	1-208-828-11	METAL CHIP	82K	0.50%	1/10W
R6111	1-218-903-11	METAL CHIP	220K	0.50%	1/10W
R6114	1-211-981-11	METAL CHIP	33	0.50%	1/10W
R6115	1-216-021-00	METAL CHIP	68	5%	1/10W
R6116	1-216-021-00	METAL CHIP	68	5%	1/10W
R6117	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6118	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6120	1-216-361-00	METAL OXIDE	0.22	5%	2W
R6121	1-218-855-11	METAL CHIP	2.2K	0.50%	1/10W
R6123	1-216-361-00	METAL OXIDE	0.22	5%	2W
R6124	1-218-827-11	METAL CHIP	150	0.50%	1/10W
R6150	1-216-819-11	METAL CHIP	680	5%	1/10W
R6151	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6152	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6153	1-216-864-11	SHORT CHIP			
R6154	1-218-877-11	METAL CHIP	18K	0.50%	1/10W
R6155	1-218-823-11	METAL CHIP	100	0.50%	1/10W
R6156	1-218-863-11	METAL CHIP	4.7K	0.50%	1/10W
R6157	1-216-841-11	METAL CHIP	47K	5%	1/10W
R6158	1-216-841-11	METAL CHIP	47K	5%	1/10W
R6159	1-216-793-11	METAL CHIP	4.7	5%	1/10W
R6200	1-246-188-51	FUSIBLE	10	5%	1/2W
R6201	1-218-865-11	METAL CHIP	5.6K	0.50%	1/10W
R6202	1-243-725-71	METAL OXIDE	100K	5%	1W
R6203	1-249-385-11	CARBON	2.2	5%	1/4W
R6250	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6251	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R6252	1-216-805-11	METAL CHIP	47	5%	1/10W
R6253	1-218-887-11	METAL CHIP	47K	0.50%	1/10W
R6254	1-218-871-11	METAL CHIP	10K	0.50%	1/10W
R6255	1-218-867-11	METAL CHIP	6.8K	0.50%	1/10W
R6300	1-216-857-11	METAL CHIP	1M	5%	1/10W
R6301	1-218-905-11	METAL CHIP	270K	0.50%	1/10W
R6302	1-216-857-11	METAL CHIP	1M	5%	1/10W
R6303	1-218-891-11	METAL CHIP	68K	0.50%	1/10W
R6306	1-216-845-11	METAL CHIP	100K	5%	1/10W
R6307	1-216-837-11	METAL CHIP	22K	5%	1/10W
R6308	1-218-867-11	METAL CHIP	6.8K	0.50%	1/10W
R6309	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6310	1-216-837-11	METAL CHIP	22K	5%	1/10W
R6311	1-216-841-11	METAL CHIP	47K	5%	1/10W
R6312	1-218-891-11	METAL CHIP	68K	0.50%	1/10W
R6313	1-218-913-91	METAL CHIP	560K	0.50%	1/10W
R6314	1-218-891-11	METAL CHIP	68K	0.50%	1/10W
R6318	1-218-867-11	METAL CHIP	6.8K	0.50%	1/10W
R6329	1-249-385-11	CARBON	2.2	5%	1/4W
R6333	1-216-809-11	METAL CHIP	100	5%	1/10W
R6335	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R6336	1-216-793-11	METAL CHIP	4.7	5%	1/10W
R6338	1-216-864-11	SHORT CHIP			
R6403	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6404	1-216-864-11	SHORT CHIP			
R6405	1-216-839-11	METAL CHIP	33K	5%	1/10W
R6406	1-216-817-11	METAL CHIP	470	5%	1/10W
R6407	1-216-839-11	METAL CHIP	33K	5%	1/10W
R6410	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6414	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6418	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6421	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6422	1-216-809-11	METAL CHIP	100	5%	1/10W
R6424	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6428	1-216-864-11	SHORT CHIP			
⚠ R6500	1-220-926-81	FUSIBLE	0.47	10%	1/2W
R6501	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R6502	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R6503	1-208-814-91	METAL CHIP	22K	0.50%	1/10W
R6504	1-218-839-11	METAL CHIP	470	0.50%	1/10W
R6505	1-218-839-11	METAL CHIP	470	0.50%	1/10W
R6507	1-245-118-91	METAL CHIP	2.2M	0.50%	1/10W
R6508	1-208-814-91	METAL CHIP	22K	0.50%	1/10W
R6510	1-216-837-11	METAL CHIP	22K	5%	1/10W
R6521	1-208-854-11	METAL CHIP	1M	0.50%	1/10W

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IP2

REF. NO.	PART NO.	DESCRIPTION	VALUES		
R6522	1-208-854-11	METAL CHIP	1M	0.50%	1/10W
R6523	1-208-846-11	METAL CHIP	470K	0.50%	1/10W
R6524	1-218-891-11	METAL CHIP	68K	0.50%	1/10W
R6525	1-218-883-11	METAL CHIP	33K	0.50%	1/10W
R6526	1-208-854-11	METAL CHIP	1M	0.50%	1/10W
R6527	1-218-907-11	METAL CHIP	330K	0.50%	1/10W
R6528	1-218-907-11	METAL CHIP	330K	0.50%	1/10W
R6529	1-216-809-11	METAL CHIP	100	5%	1/10W
R6531	1-246-388-11	METAL	0.1	5%	5W
R6533	1-246-388-11	METAL	0.1	5%	5W
R6534	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6541	1-208-820-11	METAL CHIP	39K	0.50%	1/10W
R6542	1-216-845-11	METAL CHIP	100K	5%	1/10W
R6544	1-216-845-11	METAL CHIP	100K	5%	1/10W
R6545	1-216-837-11	METAL CHIP	22K	5%	1/10W
R6546	1-216-837-11	METAL CHIP	22K	5%	1/10W
R6547	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6548	1-216-845-11	METAL CHIP	100K	5%	1/10W
R6561	1-208-814-91	METAL CHIP	22K	0.50%	1/10W
R6564	1-215-882-00	METAL OXIDE	22	5%	2W
R6565	1-215-882-00	METAL OXIDE	22	5%	2W
R6568	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6569	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6571	1-208-814-91	METAL CHIP	22K	0.50%	1/10W
R6572	1-216-603-11	METAL CHIP	10	0.50%	1/10W
R6573	1-216-603-11	METAL CHIP	10	0.50%	1/10W
R6574	1-208-750-11	METAL CHIP	47	0.50%	1/10W
R6575	1-208-750-11	METAL CHIP	47	0.50%	1/10W
R6576	1-243-550-71	METAL OXIDE	6.8	5%	2W
R6577	1-243-550-71	METAL OXIDE	6.8	5%	2W
R6581	1-218-892-11	METAL CHIP	75K	0.50%	1/10W
R6583	1-218-871-11	METAL CHIP	10K	0.50%	1/10W
R6584	1-218-871-11	METAL CHIP	10K	0.50%	1/10W
R6585	1-218-879-11	METAL CHIP	22K	0.50%	1/10W
R6602	1-216-021-00	METAL CHIP	68	5%	1/10W
R6605	1-216-021-00	METAL CHIP	68	5%	1/10W
R6606	1-216-049-11	METAL CHIP	1K	5%	1/10W
R6607	1-216-049-11	METAL CHIP	1K	5%	1/10W
R6608	1-216-049-11	METAL CHIP	1K	5%	1/10W
R6609	1-216-049-11	METAL CHIP	1K	5%	1/10W
R6611	1-216-793-11	METAL CHIP	4.7	5%	1/10W
R6613	1-216-793-11	METAL CHIP	4.7	5%	1/10W
R6614	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6615	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6616	1-216-857-11	METAL CHIP	1M	5%	1/10W

REF. NO.	PART NO.	DESCRIPTION	VALUES		
R6617	1-216-857-11	METAL CHIP	1M	5%	1/10W
⚠ R6700	1-216-793-11	METAL CHIP	4.7	5%	1/10W
R6703	1-216-793-11	METAL CHIP	4.7	5%	1/10W
R6704	1-216-793-11	METAL CHIP	4.7	5%	1/10W
R6705	1-216-864-11	SHORT CHIP			
R6706	1-216-864-11	SHORT CHIP			
R6707	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6708	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6709	1-218-895-11	METAL CHIP	100K	0.50%	1/10W
R6710	1-218-915-11	METAL CHIP	680K	0.50%	1/10W
R6711	1-216-864-11	SHORT CHIP			
R6712	1-218-863-11	METAL CHIP	4.7K	0.50%	1/10W
R6713	1-249-417-11	CARBON	1K	5%	1/4W
R6714	1-218-883-11	METAL CHIP	33K	0.50%	1/10W
R6716	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R6719	1-218-879-11	METAL CHIP	22K	0.50%	1/10W
R6720	1-218-851-11	METAL CHIP	1.5K	0.50%	1/10W
R6721	1-218-861-11	METAL CHIP	3.9K	0.50%	1/10W
R6722	1-218-885-11	METAL CHIP	39K	0.50%	1/10W
R6724	1-218-847-11	METAL CHIP	1K	0.50%	1/10W
R6726	1-211-981-11	METAL CHIP	33	0.50%	1/10W
R6727	1-211-983-11	METAL CHIP	39	0.50%	1/10W
R6728	1-211-983-11	METAL CHIP	39	0.50%	1/10W
R6729	1-211-983-11	METAL CHIP	39	0.50%	1/10W
R6732	1-211-983-11	METAL CHIP	39	0.50%	1/10W
R6733	1-211-983-11	METAL CHIP	39	0.50%	1/10W
R6734	1-211-983-11	METAL CHIP	39	0.50%	1/10W
R6735	1-216-834-11	METAL CHIP	12K	5%	1/10W
R6736	1-216-834-11	METAL CHIP	12K	5%	1/10W
R6737	1-218-863-11	METAL CHIP	4.7K	0.50%	1/10W
R6739	1-218-847-11	METAL CHIP	1K	0.50%	1/10W
R6741	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6742	1-218-859-11	METAL CHIP	3.3K	0.50%	1/10W
R6743	1-218-859-11	METAL CHIP	3.3K	0.50%	1/10W
R6744	1-218-871-11	METAL CHIP	10K	0.50%	1/10W
R6745	1-218-871-11	METAL CHIP	10K	0.50%	1/10W
R6746	1-249-417-11	CARBON	1K	5%	1/4W
R6747	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R6748	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6749	1-218-905-11	METAL CHIP	270K	0.50%	1/10W
R6750	1-218-883-11	METAL CHIP	33K	0.50%	1/10W
R6751	1-218-895-11	METAL CHIP	100K	0.50%	1/10W
R6752	1-218-911-11	METAL CHIP	470K	0.50%	1/10W
R6753	1-218-847-11	METAL CHIP	1K	0.50%	1/10W
R6754	1-216-833-11	METAL CHIP	10K	5%	1/10W

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IP2

REF. NO.	PART NO.	DESCRIPTION	VALUES		
R6755	1-216-846-11	METAL CHIP	120K	5%	1/10W
R6756	1-218-895-11	METAL CHIP	100K	0.50%	1/10W
R6757	1-218-871-11	METAL CHIP	10K	0.50%	1/10W
R6758	1-216-841-11	METAL CHIP	47K	5%	1/10W
R6759	1-218-847-11	METAL CHIP	1K	0.50%	1/10W
R6760	1-218-895-11	METAL CHIP	100K	0.50%	1/10W
R6761	1-218-871-11	METAL CHIP	10K	0.50%	1/10W
R6762	1-218-887-11	METAL CHIP	47K	0.50%	1/10W
R6763	1-218-871-11	METAL CHIP	10K	0.50%	1/10W
R6764	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R6765	1-216-793-11	METAL CHIP	4.7	5%	1/10W
⚠ R6766	1-218-446-11	METAL CHIP	1	5%	1/10W
R6768	1-216-814-11	METAL CHIP	270	5%	1/10W
R6770	1-216-814-11	METAL CHIP	270	5%	1/10W

TRANSFORMER

T6200	1-445-430-11	CONVERTER TRANSFORMER (SBT)
T6801	8-597-083-00	HV ISOLATING TRANS HIT-1306//M

THERMISTOR

TH6300	1-809-789-71	THERMISTOR, POSITIVE

VARISTOR

VD6000	1-804-996-21	VARISTOR

REF. NO.	PART NO.	DESCRIPTION	VALUES

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REF. NO.		PART NO.	DESCRIPTION	VALUES
			ACCESSORIES AND PACKING	
☛	⚠	1-835-326-11	AC POWER CORD (WITH CONNECTOR) (CHILE/PERU ONLY)	
☛	⚠	1-835-923-11	AC POWER CORD (WITH CONNECTOR) (KDL-32S5100/40S5100 US/CND/MX/LATIN ONLY)	
☛	⚠	1-836-677-11	AC POWER CORD (WITH CONNECTOR) (KDL-46S5100 US/CND/MX/LATIN ONLY)	
*		2-678-264-01	BAG, PROTECTION (32) (KDL-32S5100 ONLY)	
*		3-290-788-11	BAG, PROTECTION (40) (KDL-40S5100 ONLY)	
*		2-657-860-01	BAG, PROTECTION (KDL-46S5100 ONLY)	
*		3-213-717-01	BAG, PROTECTION (STAND) (KDL-32S5100/40S5100 ONLY)	
*		3-287-548-11	BAG, PROTECTION (STAND) (KDL-46S5100 ONLY)	
		X-2345-106-1	CARTON ASSY (KDL-32S5100 ONLY)	
		X-2345-107-1	CARTON ASSY (KDL-40S5100 ONLY)	
*		X-2345-879-1	CARTON ASSY (KDL-46S5100 ONLY)	
*		4-122-350-01	CUSHION, LOWER (32) (KDL-32S5100 ONLY)	
*		4-122-355-01	CUSHION, LOWER (40) (KDL-40S5100 ONLY)	
*		4-122-359-01	CUSHION, LOWER (46) (KDL-46S5100 ONLY)	
*		4-122-349-01	CUSHION, UPPER (32) (KDL-32S5100 ONLY)	
*		4-122-354-01	CUSHION, UPPER (40) (KDL-40S5100 ONLY)	
*		4-122-358-01	CUSHION, UPPER (46) (KDL-46S5100 ONLY)	
		3-299-071-01	FLYER, SAFETY	
		4-129-402-11	GUIDE, QUICK SETUP (ENGLISH VERSION)	
		4-129-402-21	GUIDE, QUICK SETUP (FRENCH VERSION)	
		4-129-402-31	GUIDE, QUICK SETUP (SPANISH VERSION)	
		4-129-401-11	MANUAL, INSTRUCTION (ENGLISH VERSION)	
		4-129-401-21	MANUAL, INSTRUCTION (FRENCH VERSION)	
		4-129-401-31	MANUAL, INSTRUCTION (SPANISH VERSION)	
			MISCELLANEOUS	
		4-138-237-01	LVDS, HOLDER (46S5100 ONLY)	
☛		X-2342-671-2	SCREW BAG ASSY	
			Contains the 3 items listed below:	
		4-127-151-02	INSTRUCTION, STAND	
		4-135-806-01	BAG, SCREW	
		2-580-608-01	SCREW, +PSW M5X16	
			(SCREWS TO ATTACH TABLE-TOP STAND TO LCD TV)	
			For product protection and safety reasons, Sony strongly recommends that you use the screws provided with the TV.	
			CAUTION: These screws cannot be used to secure the TV to the Wall Mount Brackets.	
*		4-118-490-11	SHEET, PROTECTION (BOTTOM)	
*		4-118-490-51	SHEET, PROTECTION (TOP)	
☛		X-2348-141-2	SUPPORT BELT KIT (KDL-32S5100 ONLY)	
			Contains the 5 items listed below:	
		2-580-604-01	SCREW, +PSW M4x20	
		2-580-639-01	SCREW, +BVTP 4x12 Type 2 IT-3;	
		2-580-663-02	SCREW, WOOD 3.8x20	
		4-124-351-01	BRACKET, FALL LOCK	
		4-133-849-02	BELT, FALL LOCK	
☛		X-2348-140-2	SUPPORT BELT KIT (KDL-40S5100/46S5100 ONLY)	
			Contains the 3 items listed below:	
		2-580-604-01	SCREW, +PSW M4x20	
		2-580-663-02	SCREW, WOOD 3.8x20	
		4-133-849-02	BELT, FALL LOCK	
		7-632-452-24	TAPE (NO.303) 18MMX35M YEL	
		2-688-010-01	TAPE, SHIELD (40X20)	
		1-910-055-60	WIRE ASSY, LUG TERMINAL (KDL-32S5100 ONLY)	
			REMOTE COMMANDER	
		1-487-180-11	REMOTE COMMANDER (RM-YD028)	
		9-885-117-43	BATTERY COVER (for RM-YD028)	

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APPENDIX A: ENCRYPTION KEY COMPONENTS

Encryption key components developed by Sony Corporation contain confidential information, and shall be handled under the non-disclosure obligations provided in the applicable agreement with Sony Corporation (and/or its subsidiary).

As part of this agreement specific instructions must be adhered to whenever a Circuit Board containing encryption key components is repaired and/or replaced pursuant to the following:

1) **In the service manual the Circuit Board(s) containing encryption key components shall be identified with a red outline and a .**

2) **Only repair boards or components listed in the service manual shall be utilized for replacement and/or repair.**

3) **Disassembly, decryption, or reverse-engineering component(s) is strictly prohibited.**

4) **Any board in which the Servicer replaces an encryption key component must be placed back into the set it orignally came from and the replaced defective component MUST BE DESTROYED. Boards cannot be swapped.**

5) **If a Circuit Board identified with a red outline and a in the service manual is deemed to be defective:**

   a) **and if a core charge is imposed and is covered under the product warranty, the defective un-repaired or modified board MUST BE RETURNED to Sony.**

   b) **and if the core charge is NOT covered under the product warranty, the defective un-repaired or modified board MUST BE DESTROYED.**

5) **If a unit is destroyed (such as field scrap), the Circuit Board identified with a red outline and a in the service manual MUST BE DESTROYED.**

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SERVICE MANUAL

EX2R CHASSIS

In an effort to reduce the size of this pdf file the tiled schematics are not attached to this Service Manual. To receive a complete set of the tiled schematics for this manual please submit a request to the Service Promotion Department at Service_Promotion@am.sony.com.